

TEST REPORT

Applicant	BenQ Corporation
Address	16 Jihu Road, Neihsu, Taipei 114, Taiwan

Manufacturer or Supplier	BenQ Corporation	
Address	16 Jihu Road, Neihsu, Taipei 114, Taiwan	
Product	BenQ BT Remote	
Brand Name	BenQ	
Model	RCI080	
Additional Model & Model Difference	N/A	
Date of tests	Feb. 24, 2026 ~ Mar. 04, 2026	

The tests have been carried out according to the requirements of the following standards:

☒ **ARIB STD-T66, Article 2 Section 1 Item 19, MIC Notice No.88 Appendix No.43**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Mar. 18, 2026

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Test Report No.: RJ2601WDG0455

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Test Report No.: RJ2601WDG0455

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RJ2601WDG0455	Original release	Mar. 18, 2026



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications (For BT-LE):

Article 2 Section 1 Item 19 Reference	ARIB STD-T66 Ref.	Report reference	Parameter	Test Results (NOTE)
GENERAL PROVISIONS				
C	3.2 (4)	3.1	Frequency tolerance	C
D	3.2 (7)	3.2	Occupied bandwidth	C
E	3.2 (6)	3.3	Spurious emissions	C
TRANSMITTING EQUIPMENT				
F	3.2(1)	3.4	Antenna power	C
--	--	--	SAR	NA
TRANSMITTING ANTENNA				
--	--	2.5	Type, configuration, etc. of transmitting antenna	C
--	--	2.5	Direction pattern of transmitting antenna	C
RECEIVING EQUIPMENT				
G	3.3 (1)	3.5	Spurious emissions of receiver	C
--	--	2.5	Refer to all articles for transmitting antenna	C
OPERATING FREQUENCY 2400 TO 2483.5MHz				
--	3.7 (1)	3.3	High Frequency/modulation section cannot be opened easily	C
--	3.1 (1)	2.1	Communication method	C
--	3.2 (1)a	2.1	Modulation method	C
--	3.2 (1)a	2.1	Spread spectrum method	C
--	3.2 (2)	3.4	Antenna power	C
--	3.6 (2)	3.4	Absolute gain of transmitting antenna	C
--	3.6 (2)	3.4	Angular width of principal radiation (AWPR)	C
--	3.2 (10)	-	Number of carriers within 1 MHz bandwidth in OFDM	N/A
--	3.2 (8)	-	Diffusion bandwidth	N/A
--	3.2 (9)	-	Spreading factor	N/A
--	3.4.1(1)	3.7	Interference Prevention Function	C
--	3.4.1(3)	3.6	Carrier Sense Capability	C
NOTE: C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable				



1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

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

ITEM	UNCERTAINTY
Occupied Bandwidth	206.50 Hz
Spurious emissions	$\pm 3.93\text{dB}$
Output power density	1.37dB
Out of band radiated power	2.52dB
Frequency Tolerance	0.104 ppm



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	BenQ BT Remote
MODEL NO.	RCI080
ADDITIONAL MODELS	N/A
NOMINAL VOLTAGE	DC 3V (1.5V*AAA*2) from battery
TYPE OF EQUIPMENT	Data transmission equipment operating in the 2.4GHz
MODULATION TYPE	BT-LE GFSK (1, 2 Mbps)
MODULATION TECHNOLOGY	DTS
OPERATING FREQUENCY	2402MHz ~ 2480MHz
NUMBER OF CHANNEL	40
RATED RF OUTPUT POWER	BT-LE 1Mbps :2 mW BT-LE 2Mbps :2 mW
CONDUCTED RF OUTPUT POWER	BT-LE 1Mbps :1.476mW BT-LE 2Mbps :1.549mW
EIRP OUTPUT POWER	BT-LE 1Mbps :2.085mW BT-LE 2Mbps :2.188mW
HW-RELEASE NO	V1.0.1
SW-RELEASE NO	V0.0.4
ANTENNA TYPE	PCB Antenna, 1.5dBi Gain
CABLE SUPPLIED	N/A

NOTES:

1. For the test results, the EUT had been tested with all conditions.
2. The above EUT information was declared by the manufacturer and for more detailed features description please refers to the manufacturer's specifications or user's manual.
3. Please refer to the EUT photo document (Reference No.: 2601WDG0455-1) for detailed product photo.



2.2 DESCRIPTION OF TEST CHANNELS

40 channels are provided for BT-LE (GFSK&1,2Mbps):

CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

NOTES:

1. 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.
2. By means of test software for BT LE provided by manufacturers, the power levels during the tests were set according to the following codes:

BT-LE (GFSK), 1Mbps	
CHANNEL	POWER SETTING
0	0x90
19	0x90
39	0x90
BT-LE (GFSK), 2Mbps	
CHANNEL	POWER SETTING
0	0x90
19	0x90
39	0x90



2.3 TEST CONDITIONS

Test conditions	Voltage (Vdc)
V_{normal}	3
V_{max}	3.3
V_{min}	2.7

2.4 ASSEMBLY

The RF circuits are located inside of the EUT. Frequency Band, channels and Modulation parameters are fixed inside the module. They cannot be edited or modified by end-user.

2.5 ANTENNA SPECIFICATIONS

2.5.1 ANTENNA GAIN

Ant. Type	Connector Type	Highest Peak Gain (dBi) 2.4GHz ~ 2.5GHz
PCB	N/A	1.5

2.5.2 ANTENNA PATTERN

Please refer to the attached file (Antenna report).



3 TEST RESULTS

3.1 FREQUENCY TOLERANCE MEASUREMENT

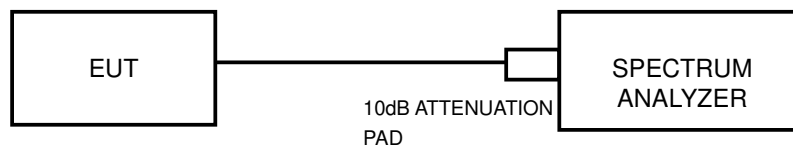
3.1.1 LIMITS OF FREQUENCY TOLERANCE MEASUREMENT

Tolerance of frequency shall be +/- 50ppm

3.1.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.1.3 TEST SETUP





3.1.4 TEST RESULTS

BT-LE (GFSK 1 Mbps)

ENVIRONMENTAL CONDITIONS		25 deg.C, 56% RH					
Channel	Frequency (MHz)	Voltage normal		Voltage +10%		Voltage -10%	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
0	2402	2402.013879	5.778	2402.013840	5.761	2402.013919	5.794
19	2440	2440.014159	5.802	2440.014079	5.770	2440.014119	5.786
39	2480	2480.014359	5.789	2480.014319	5.773	2480.014359	5.789

BT-LE (GFSK 2 Mbps)

ENVIRONMENTAL CONDITIONS		25 deg.C, 56% RH					
Channel	Frequency (MHz)	Voltage normal		Voltage +10%		Voltage -10%	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
0	2402	2402.013679	5.694	2402.013679	5.694	2402.013759	5.728
19	2440	2440.013919	5.704	2440.013879	5.688	2440.013880	5.688
39	2480	2480.014079	5.677	2480.014079	5.677	2480.014079	5.677

3.2 OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)

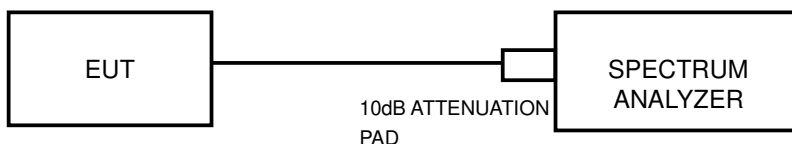
3.2.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

ITEM	LIMIT	REMARK
Occupied bandwidth	<26MHz	For 802.11b, g & 802.11n (HT20)
Occupied bandwidth	<26MHz	For BT-LE (GFSK)

3.2.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.2.3 TEST SETUP

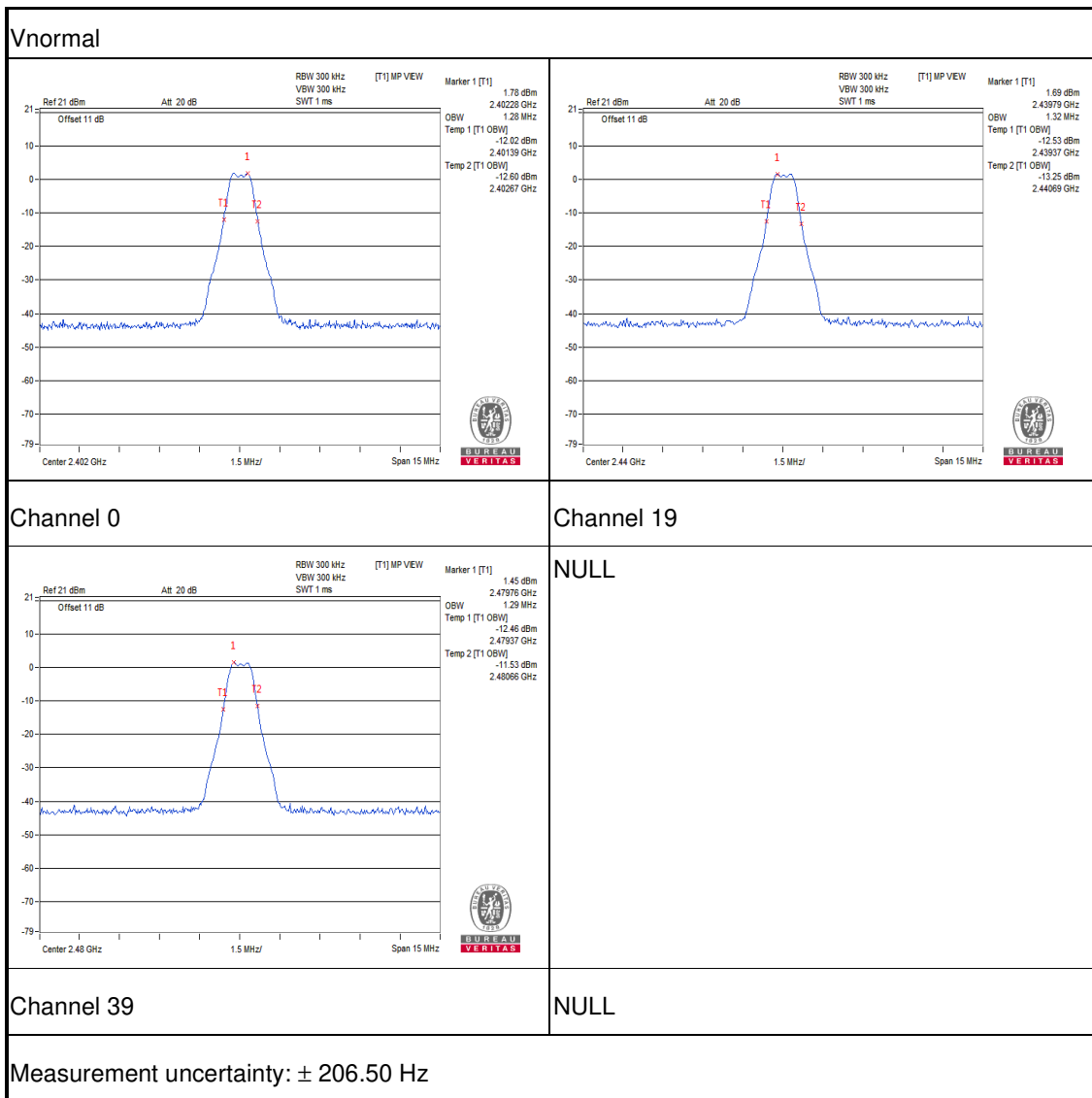


3.2.4 TEST RESULTS

BT-LE (GFSK 1 Mbps)

ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH		
CHANNEL	FREQUENCY (MHz)	V _{normal}	V _{+10%}	V _{-10%}
		OCCUPIED BANDWIDTH (MHz)	OCCUPIED BANDWIDTH (MHz)	OCCUPIED BANDWIDTH (MHz)
0	2402	1.28	1.29	1.29
19	2440	1.32	1.32	1.32
39	2480	1.29	1.32	1.29
Measurement uncertainty		± 206.50 Hz		

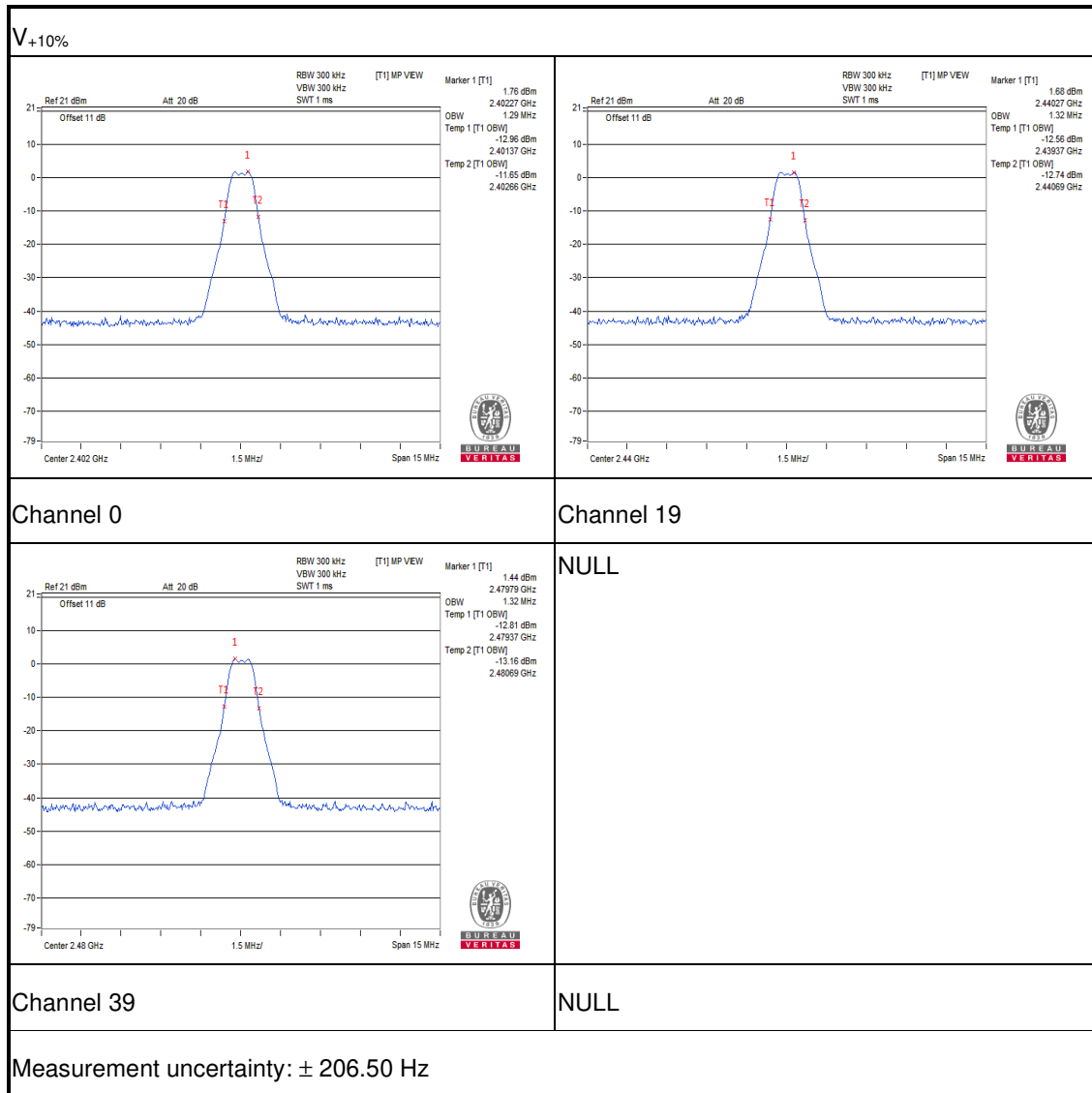
NOTE: For the test plots please refer to the below pages.





BUREAU
VERITAS

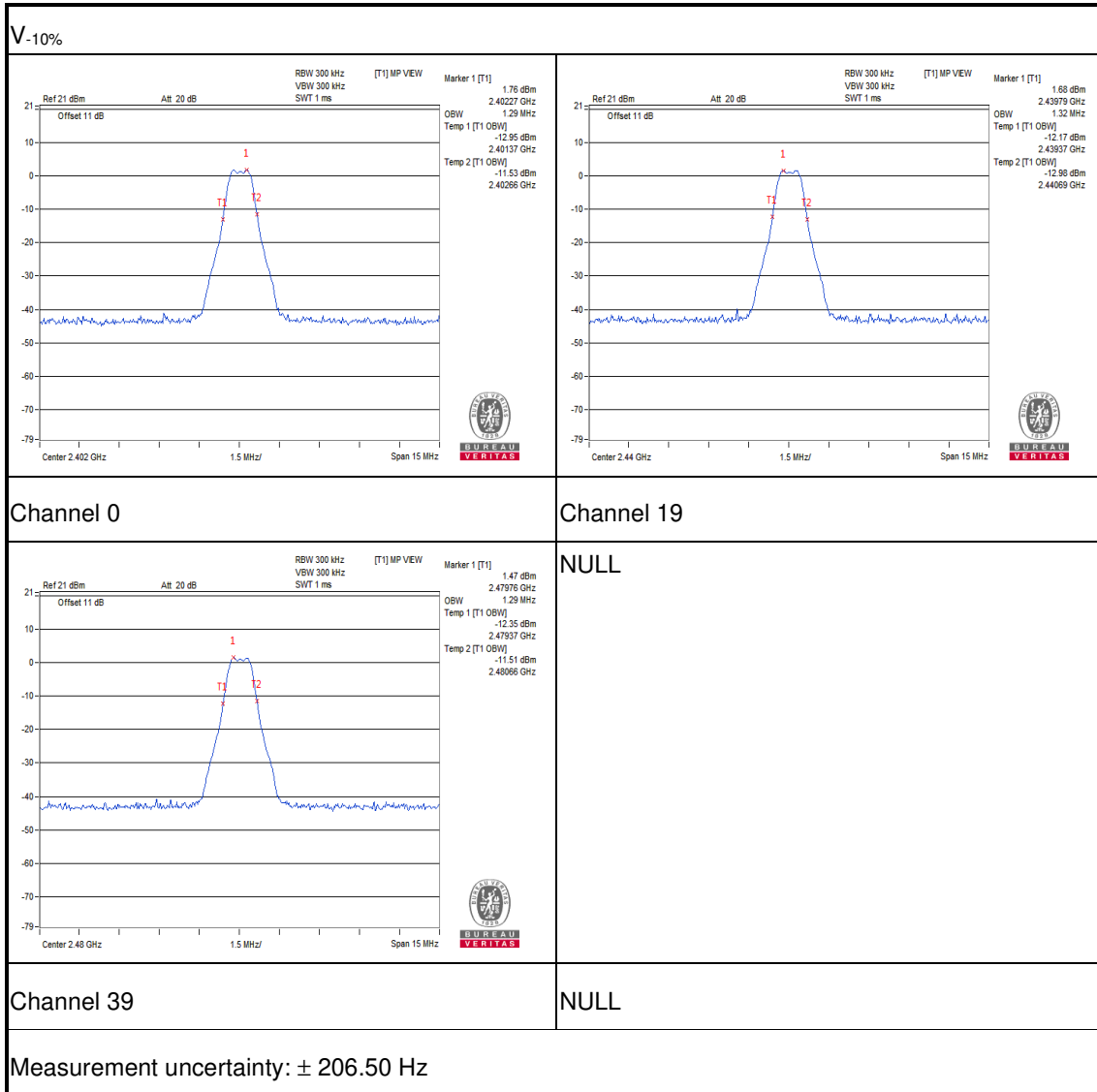
Test Report No.: RJ2601WDG0455





BUREAU
VERITAS

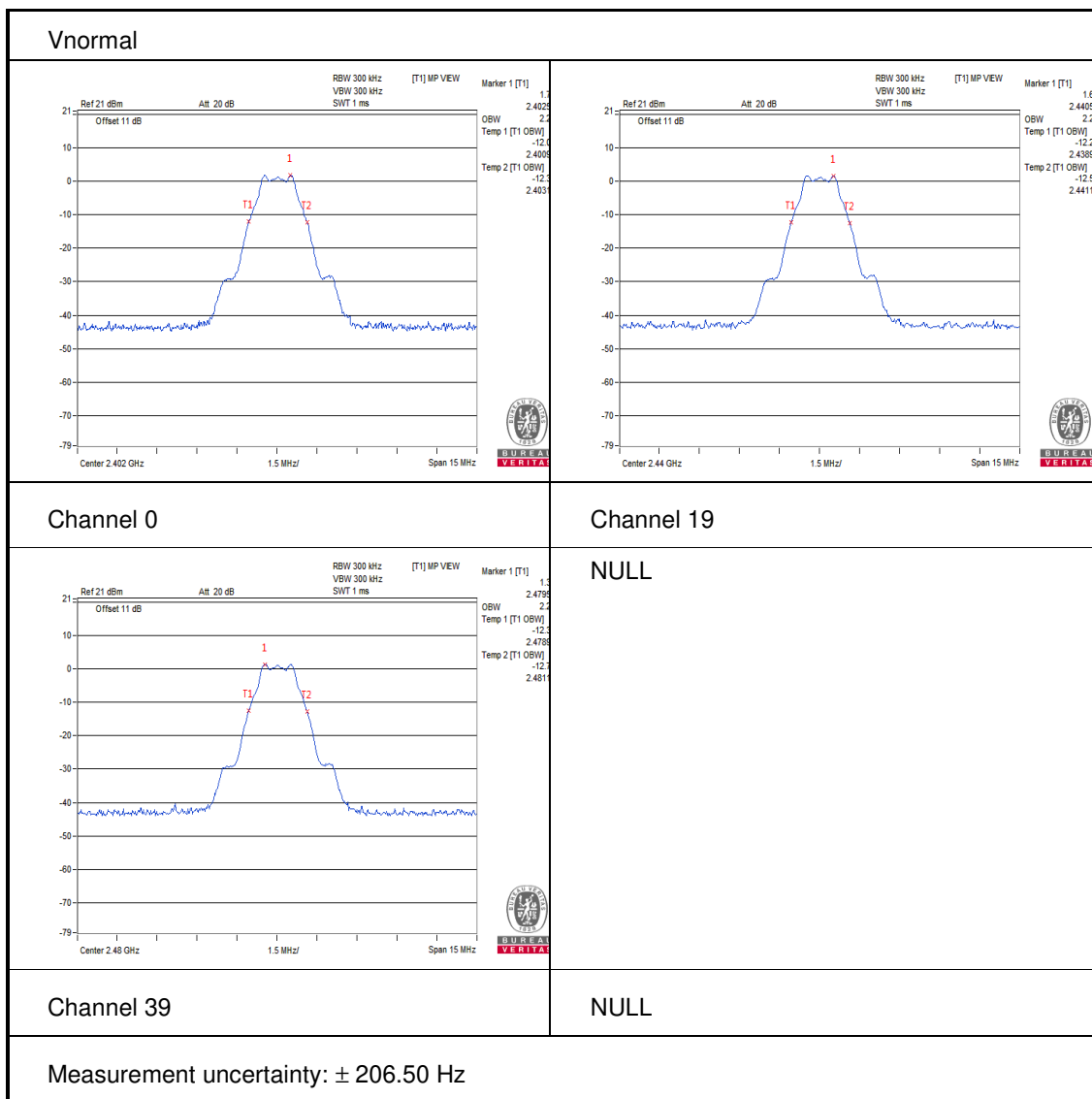
Test Report No.: RJ2601WDG0455

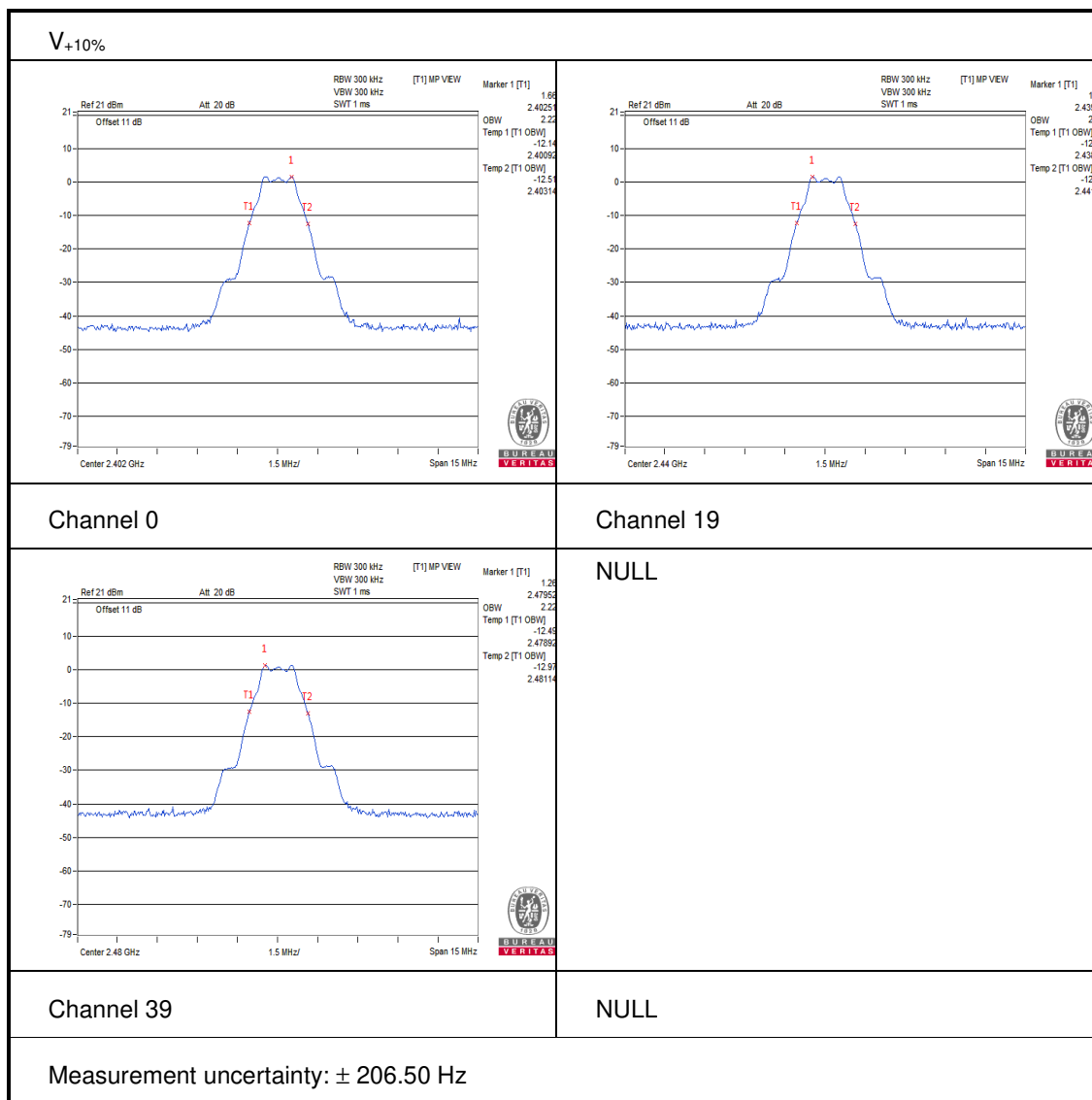


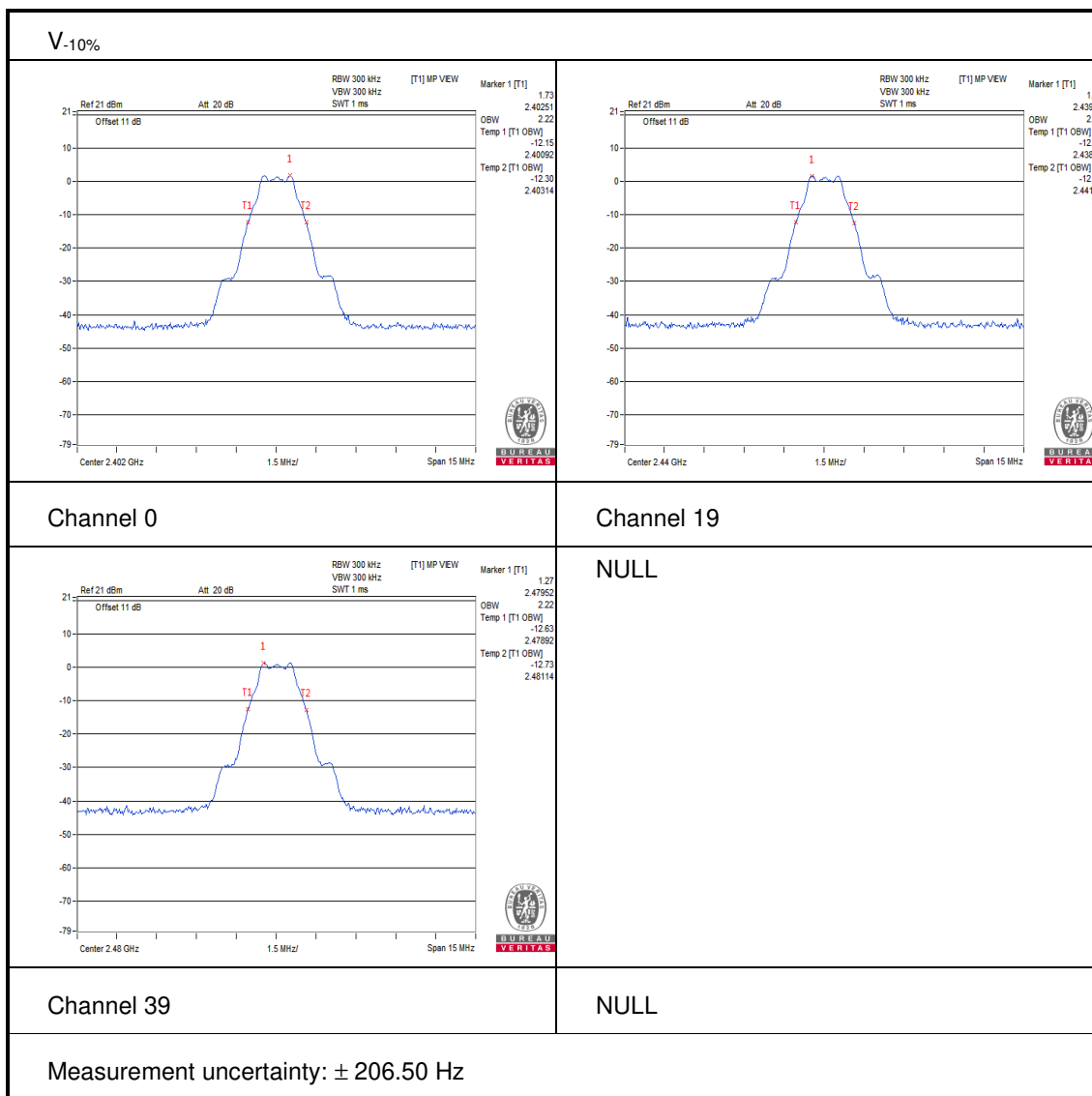
**BT-LE (GFSK 2 Mbps)**

ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH		
CHANNEL	FREQUENCY (MHz)	V_{normal}	V_{+10%}	V_{-10%}
		OCCUPIED BANDWIDTH (MHz)	OCCUPIED BANDWIDTH (MHz)	OCCUPIED BANDWIDTH (MHz)
0	2402	2.20	2.22	2.22
19	2440	2.22	2.22	2.22
39	2480	2.22	2.22	2.22
Measurement uncertainty		± 206.50 Hz		

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









3.3 SPURIOUS EMISSIONS FOR TRANSMITTER MEASUREMENT

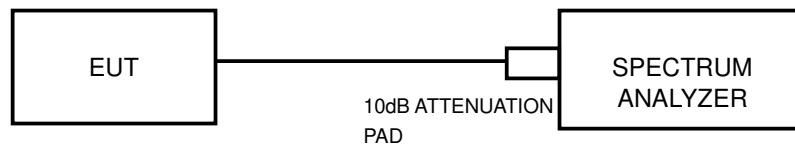
3.3.1 LIMITS OF SPURIOUS EMISSIONS

Frequencies (MHz)	Limit
Operating frequency 2400 to 2483.5MHz	
$2387 \leq f < 2400$	$\leq 25\mu\text{W/MHz}$
$2483.5 < f \leq 2496.5$	$\leq 25\mu\text{W/MHz}$
All other frequencies	$\leq 2.5\mu\text{W/MHz}$

3.3.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.3.3 TEST SETUP



3.3.4 SUMMARY OF TEST RESULT

BT-LE (GFSK 1 Mbps)

ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH					
TEST CHANNEL		CH0 (2402MHz)		CH19 (2440MHz)		LIMIT (uW/MHz)	RESULT
TEST CONDITION	FREQUENCY RANGE	MEASURE. VALUE (MHz)	FREQUENCY (MHz)	MEASURE. VALUE (uW/MHz)	MEASURE. VALUE (uW/MHz)		
V _{normal}	30.0MHz to 1000.0MHz	575.380	0.035727	670.680	0.032961	2.5	PASS
	1000.0MHz to 2387MHz	2362.380	0.023659	1230.240	0.025704	2.5	PASS
	2387.0MHz to 2400.0MHz	2400.000	0.653131	2399.630	0.03069	25	PASS
	2483.5MHz to 2496.5MHz	2493.920	0.029174	2485.190	0.029242	25	PASS
	2496.5MHz to 12500.0MHz	6988.070	0.118304	6993.070	0.129122	2.5	PASS
V _{+10%}	30.0MHz to 1000.0MHz	880.440	0.030409	883.840	0.034277	2.5	PASS
	1000.0MHz to 2387MHz	1907.790	0.023227	1976.100	0.021038	2.5	PASS
	2387.0MHz to 2400.0MHz	2400.000	0.632412	2398.030	0.026485	25	PASS
	2483.5MHz to 2496.5MHz	2494.850	0.029785	2495.820	0.029174	25	PASS
	2496.5MHz to 12500.0MHz	6995.570	0.123595	2531.510	0.510505	2.5	PASS
V _{-10%}	30.0MHz to 1000.0MHz	975.260	0.031261	865.650	0.032509	2.5	PASS
	1000.0MHz to 2387MHz	2322.150	0.021478	2320.420	0.025586	2.5	PASS
	2387.0MHz to 2400.0MHz	2400.000	0.656145	2399.970	0.030061	25	PASS
	2483.5MHz to 2496.5MHz	2486.730	0.032137	2495.210	0.026062	25	PASS
	2496.5MHz to 12500.0MHz	6950.550	0.135831	6988.070	0.152405	2.5	PASS

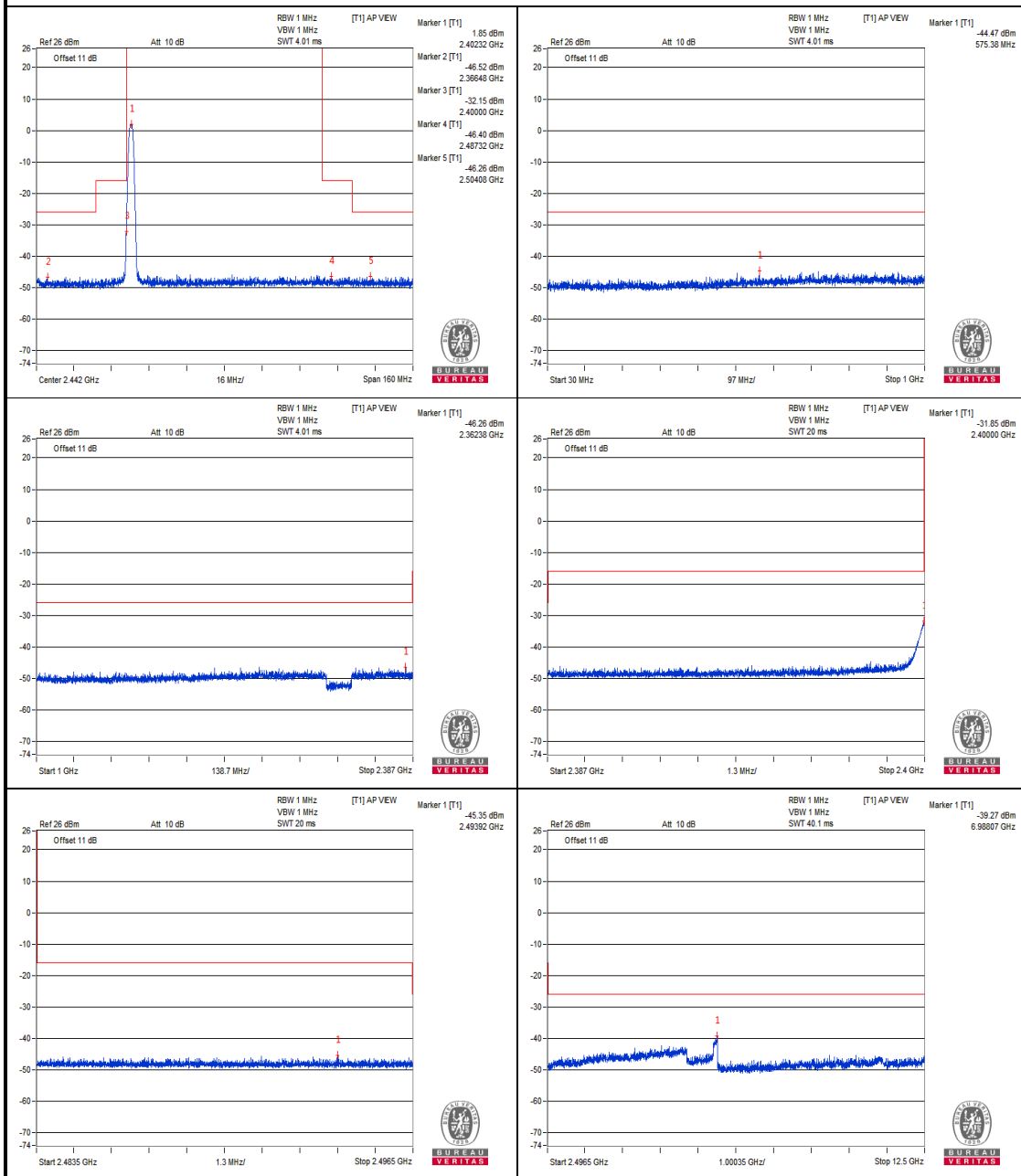
NOTE: 1. the worst value in each frequency range v.s. each channel has been marked by boldface.



ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH			
TEST CHANNEL		CH39 (2480MHz)		LIMIT (uW/MHz)	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE. VALUE (uW/MHz)		
V _{normal}	30.0MHz to 1000.0MHz	751.920	0.038019	2.5	PASS
	1000.0MHz to 2387MHz	2345.730	0.022751	2.5	PASS
	2387.0MHz to 2400.0MHz	2399.570	0.025235	25	PASS
	2483.5MHz to 2496.5MHz	2484.040	0.03155	25	PASS
	2496.5MHz to 12500.0MHz	6975.560	0.11995	2.5	PASS
V _{+10%}	30.0MHz to 1000.0MHz	677.710	0.034914	2.5	PASS
	1000.0MHz to 2387MHz	1986.850	0.022182	2.5	PASS
	2387.0MHz to 2400.0MHz	2387.830	0.024434	25	PASS
	2483.5MHz to 2496.5MHz	2490.210	0.031189	25	PASS
	2496.5MHz to 12500.0MHz	6995.570	0.121619	2.5	PASS
V _{-10%}	30.0MHz to 1000.0MHz	875.110	0.043451	2.5	PASS
	1000.0MHz to 2387MHz	2313.480	0.025942	2.5	PASS
	2387.0MHz to 2400.0MHz	2396.780	0.026424	25	PASS
	2483.5MHz to 2496.5MHz	2484.240	0.030761	25	PASS
	2496.5MHz to 12500.0MHz	6995.570	0.11508	2.5	PASS

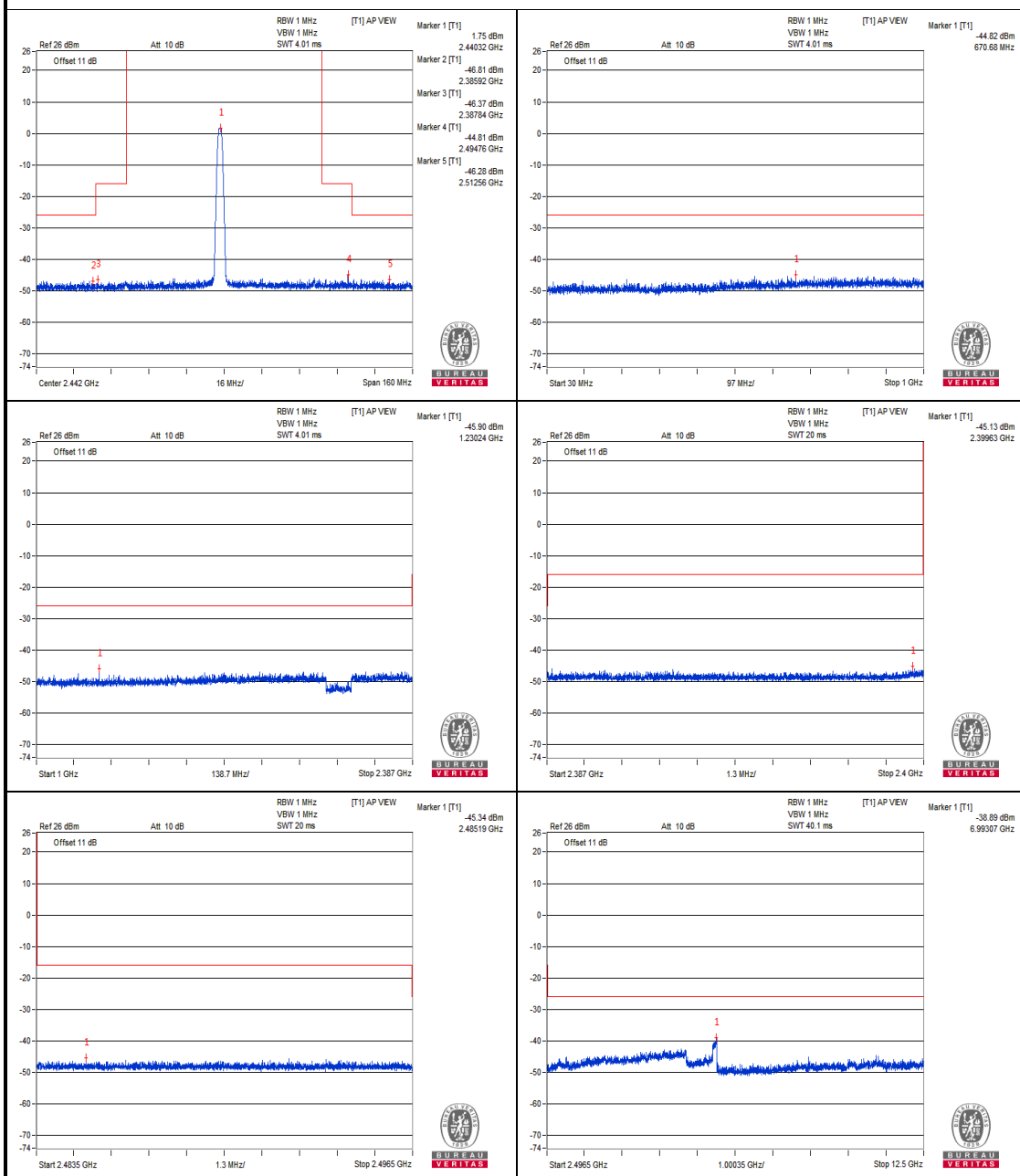
NOTES: 1. The worst value in each frequency range v.s. each channel has been marked by boldface.
2. The spectrum plots are attached on the following pages.

Vnormal Channel 0



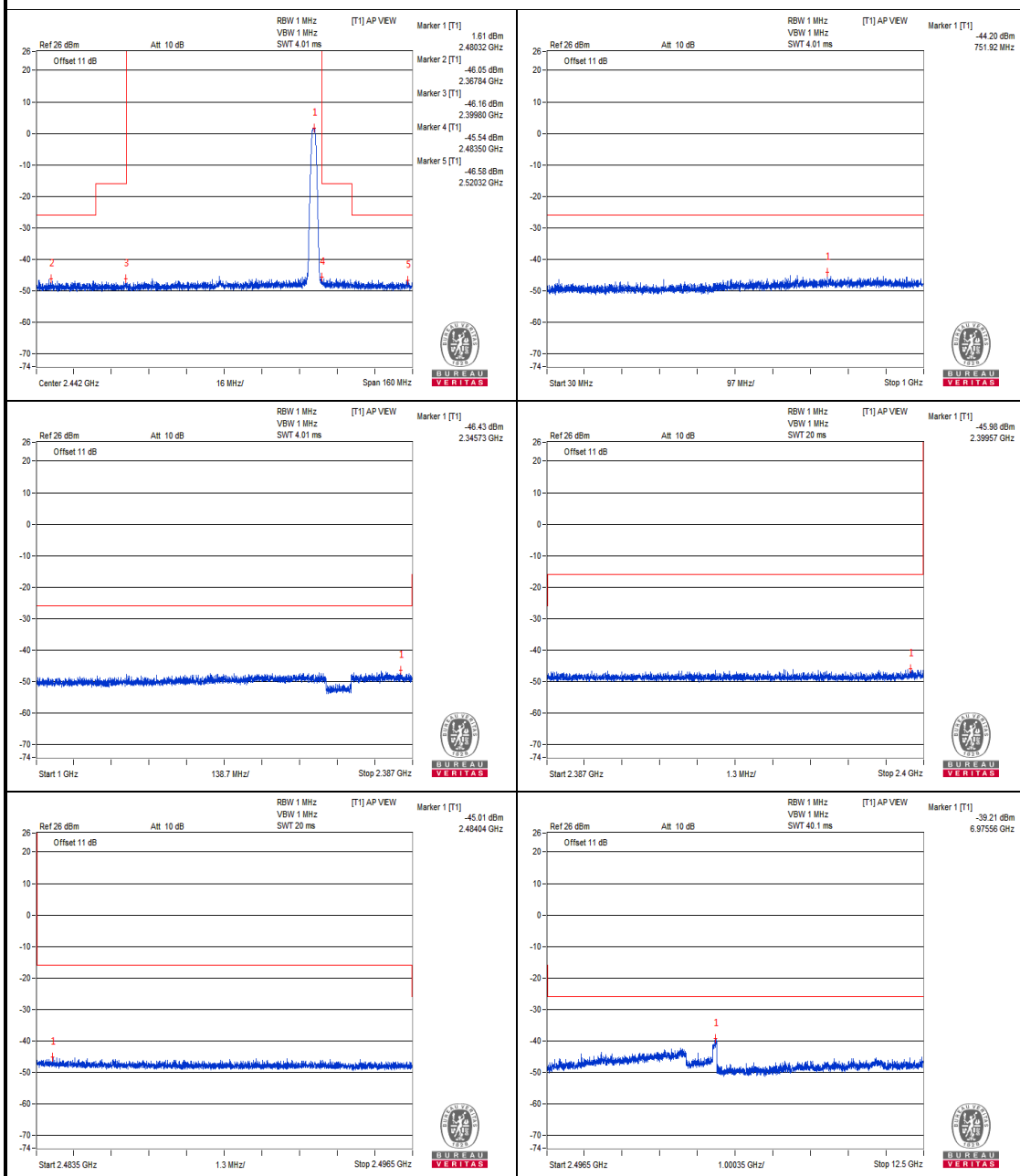
Measurement uncertainty: $\pm 3.93\text{dB}$

Vnormal Channel 19



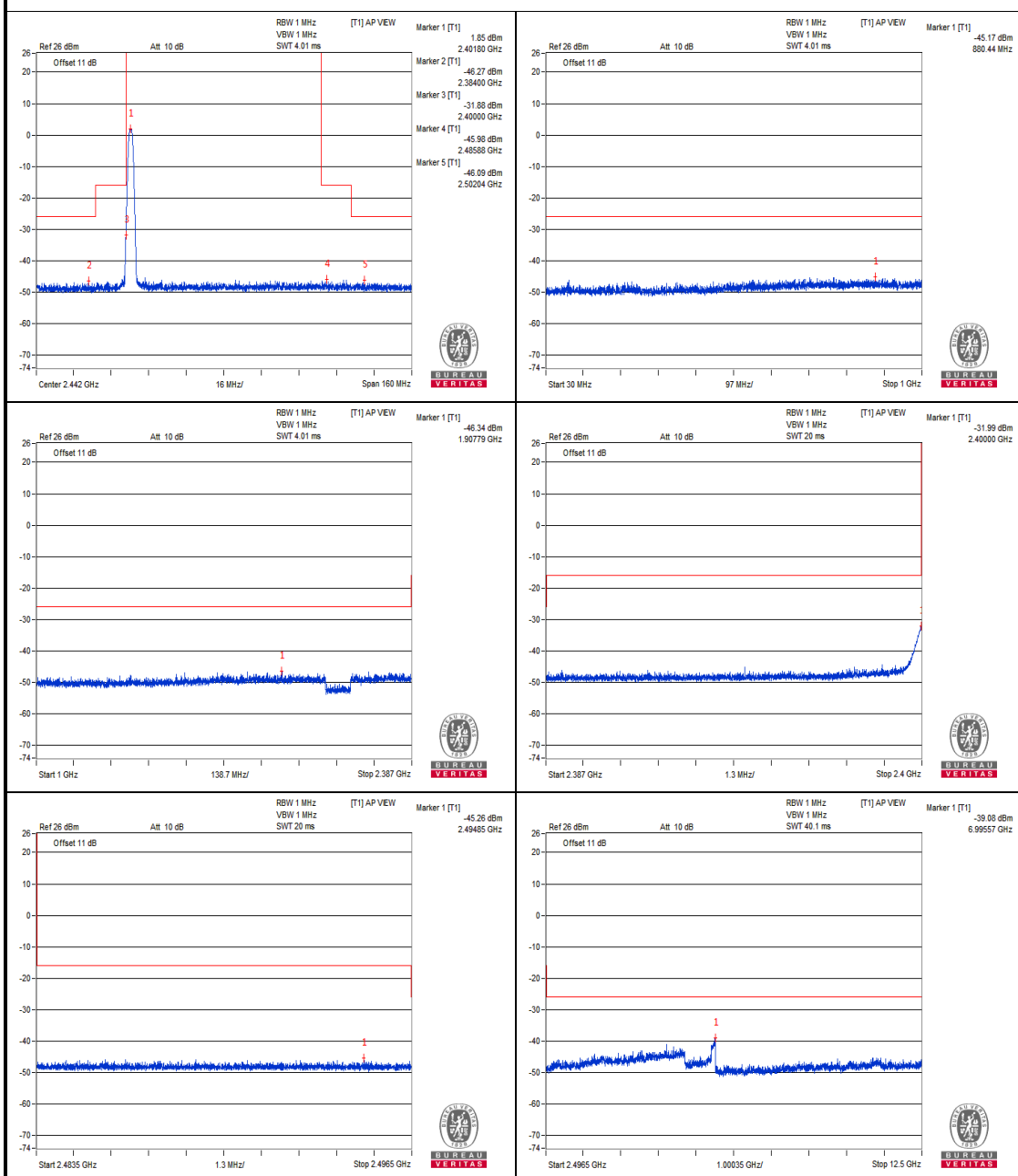
Measurement uncertainty: $\pm 3.93\text{dB}$

Vnormal
Channel 39



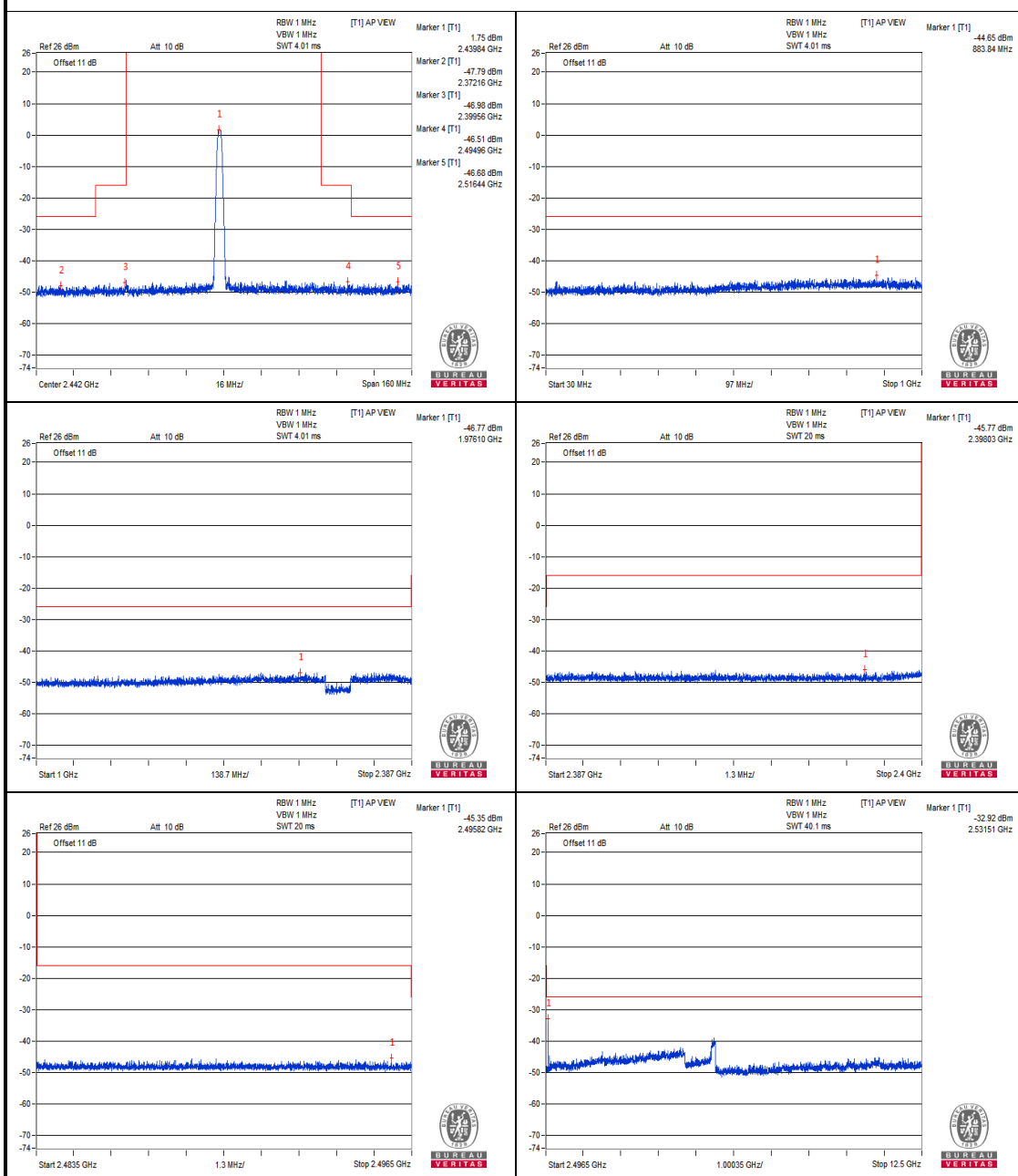
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 0



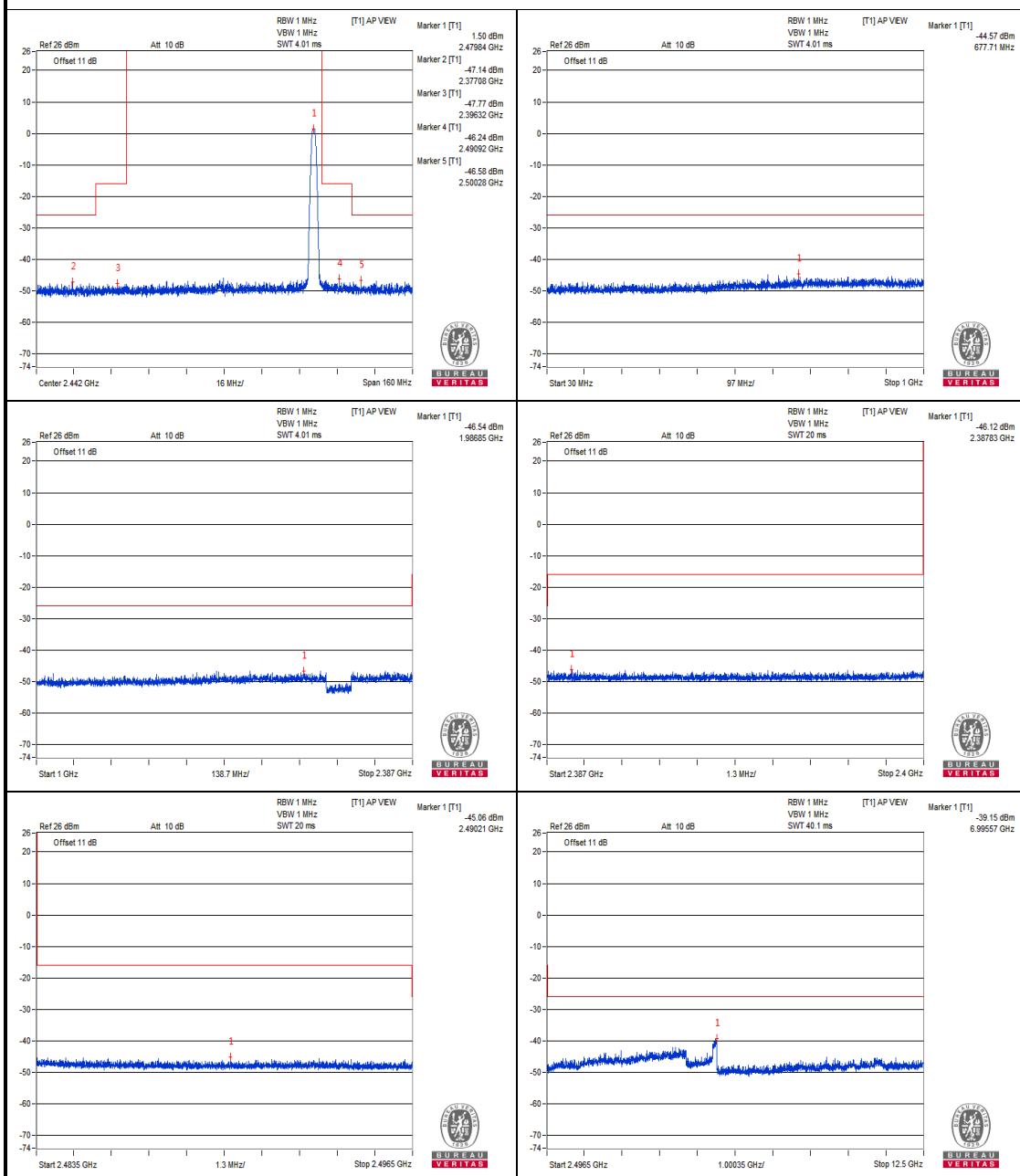
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 19



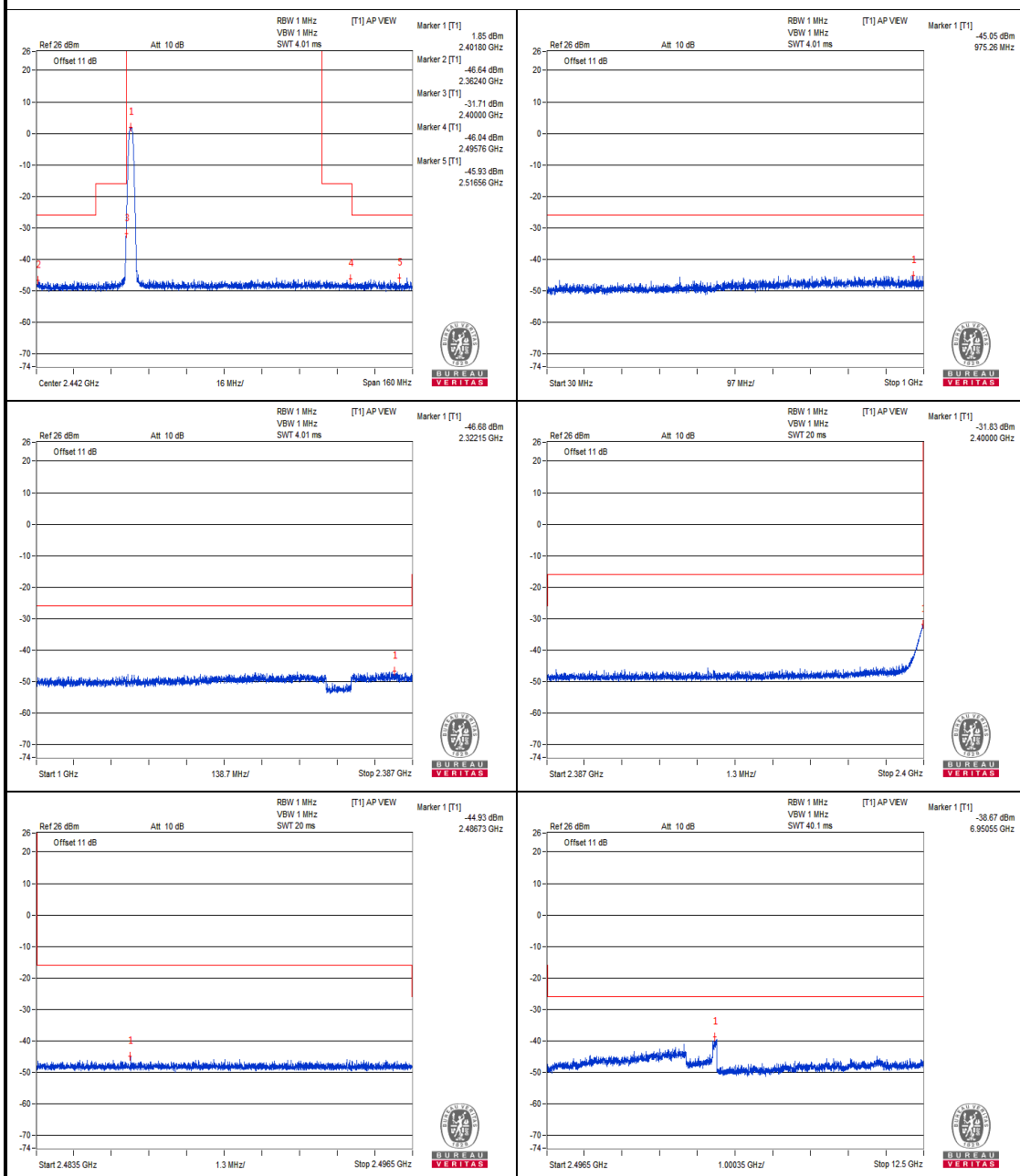
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 39



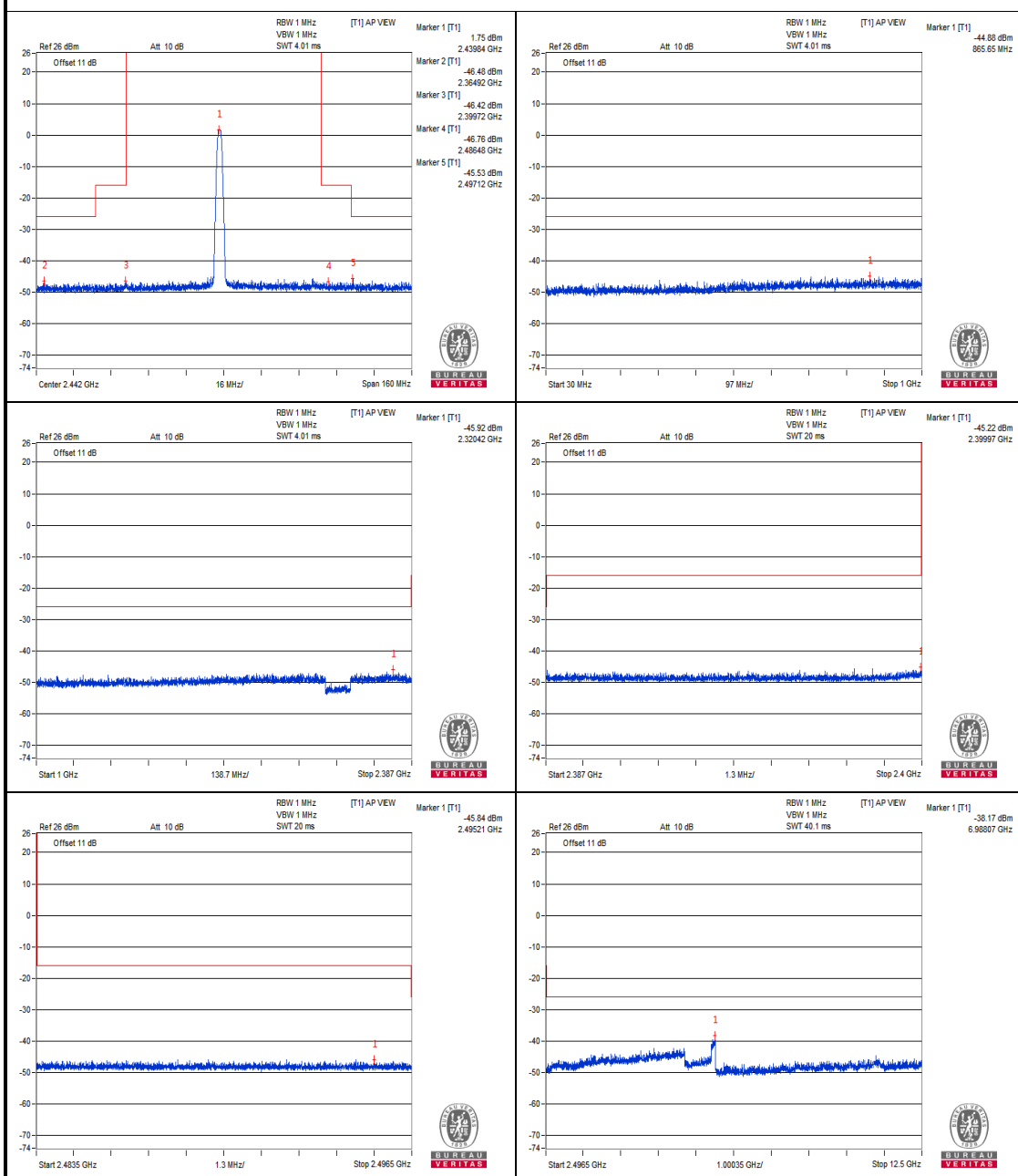
Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 0



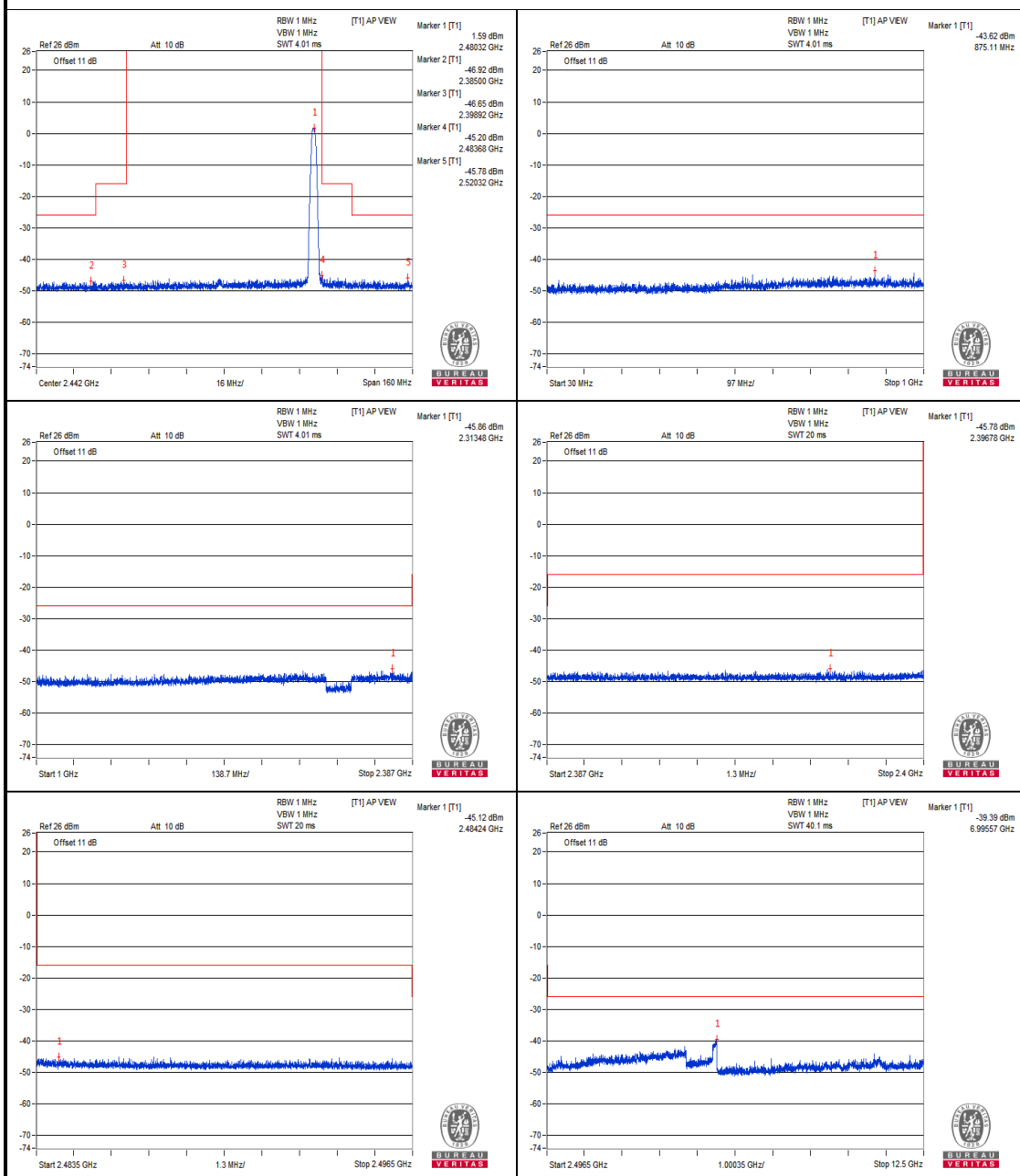
Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 19



Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 39



Measurement uncertainty: $\pm 3.93\text{dB}$

BT-LE (GFSK 2 Mbps)

ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH					
TEST CHANNEL		CH0 (2402MHz)		CH19 (2440MHz)		LIMIT (uW/MHz)	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE. VALUE (uW/MHz)	FREQUENCY (MHz)	MEASURE. VALUE (uW/MHz)		
V _{normal}	30.0MHz to 1000.0MHz	912.210	0.033266	916.820	0.034914	2.5	PASS
	1000.0MHz to 2387MHz	2196.980	0.021827	1808.960	0.022594	2.5	PASS
	2387.0MHz to 2400.0MHz	2400.000	9.015711	2396.810	0.026977	25	PASS
	2483.5MHz to 2496.5MHz	2493.790	0.029444	2491.600	0.028054	25	PASS
	2496.5MHz to 12500.0MHz	6990.570	0.164437	6970.560	0.125314	2.5	PASS
V _{+10%}	30.0MHz to 1000.0MHz	706.570	0.032063	836.310	0.031117	2.5	PASS
	1000.0MHz to 2387MHz	2302.390	0.022646	2191.430	0.025177	2.5	PASS
	2387.0MHz to 2400.0MHz	2399.990	8.830799	2399.520	0.027227	25	PASS
	2483.5MHz to 2496.5MHz	2486.480	0.029717	2488.190	0.028907	25	PASS
	2496.5MHz to 12500.0MHz	6965.560	0.110917	6975.560	0.11722	2.5	PASS
V _{-10%}	30.0MHz to 1000.0MHz	671.890	0.031842	886.750	0.031623	2.5	PASS
	1000.0MHz to 2387MHz	1811.740	0.024322	1680.320	0.022751	2.5	PASS
	2387.0MHz to 2400.0MHz	2400.000	9.057326	2399.210	0.026363	25	PASS
	2483.5MHz to 2496.5MHz	2493.640	0.028119	2491.700	0.030974	25	PASS
	2496.5MHz to 12500.0MHz	6978.060	0.11508	6995.570	0.120226	2.5	PASS

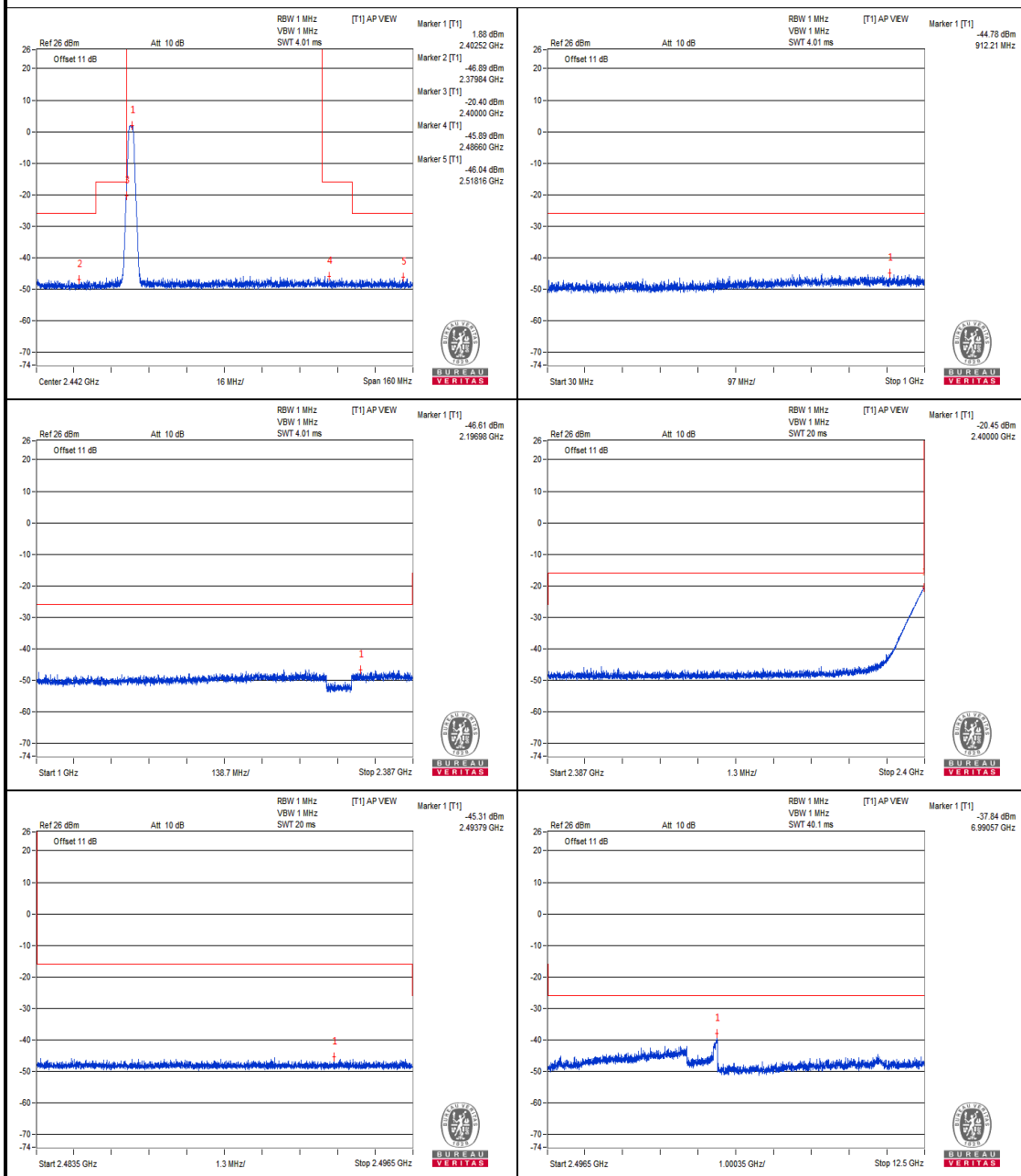
NOTE: 1. the worst value in each frequency range v.s. each channel has been marked by boldface.



ENVIRONMENTAL CONDITIONS		23 deg.C, 58 % RH			
TEST CHANNEL		CH39 (2480MHz)		LIMIT (/MHz)	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE. VALUE (uW/MHz)		
V _{normal}	30.0MHz to 1000.0MHz	717.480	0.034914	2.5	PASS
	1000.0MHz to 2387MHz	1712.910	0.085901	2.5	PASS
	2387.0MHz to 2400.0MHz	2399.510	0.024547	25	PASS
	2483.5MHz to 2496.5MHz	2483.510	0.042364	25	PASS
	2496.5MHz to 12500.0MHz	6998.070	0.103514	2.5	PASS
V _{+10%}	30.0MHz to 1000.0MHz	863.230	0.034198	2.5	PASS
	1000.0MHz to 2387MHz	1643.910	0.021979	2.5	PASS
	2387.0MHz to 2400.0MHz	2399.960	0.026002	25	PASS
	2483.5MHz to 2496.5MHz	2483.640	0.043152	25	PASS
	2496.5MHz to 12500.0MHz	6988.070	0.118304	2.5	PASS
V _{-10%}	30.0MHz to 1000.0MHz	877.780	0.0302	2.5	PASS
	1000.0MHz to 2387MHz	2322.150	0.022751	2.5	PASS
	2387.0MHz to 2400.0MHz	2392.730	0.028576	25	PASS
	2483.5MHz to 2496.5MHz	2483.500	0.0414	25	PASS
	2496.5MHz to 12500.0MHz	6998.070	0.10617	2.5	PASS

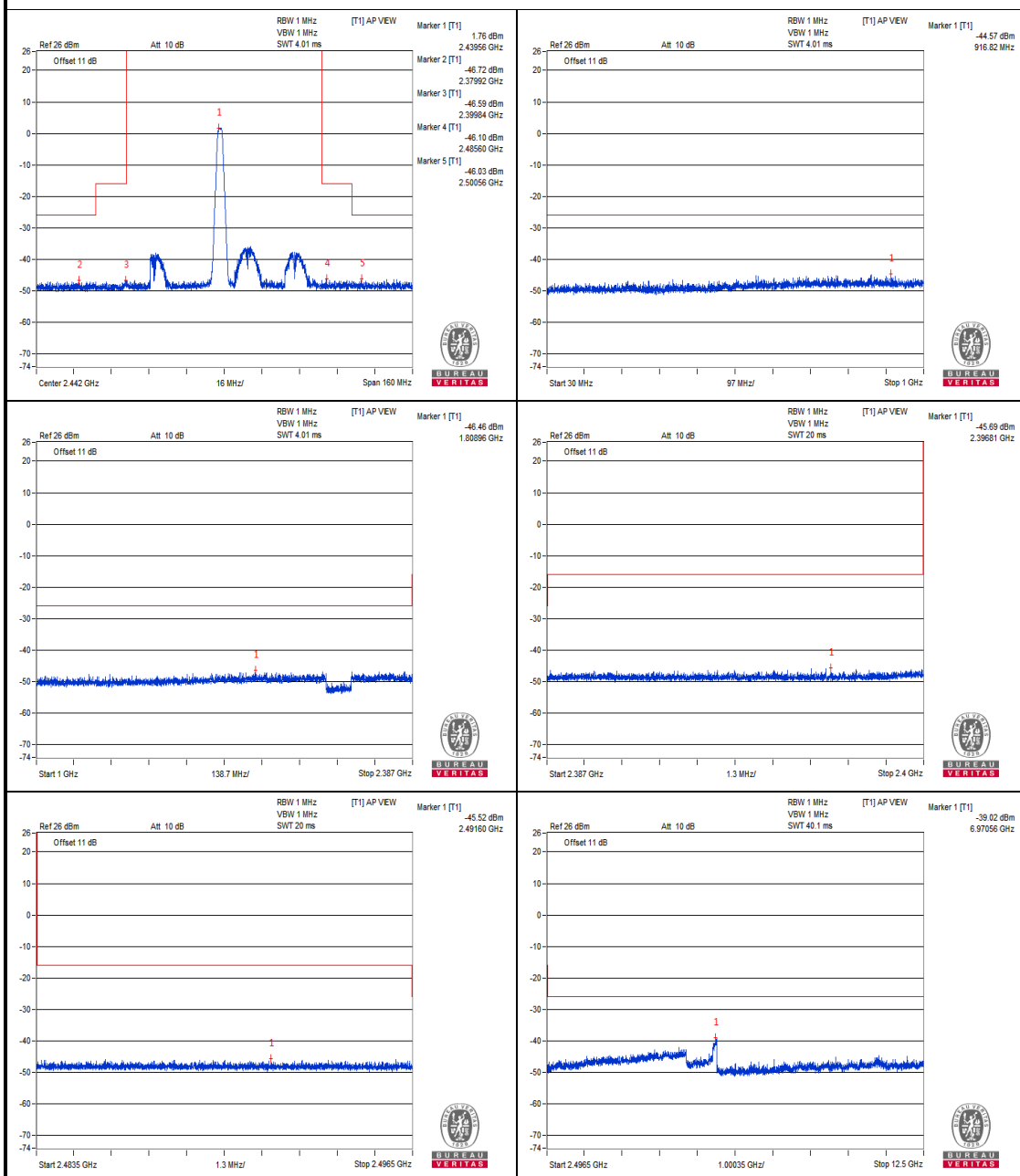
NOTES: 1. The worst value in each frequency range v.s. each channel has been marked by boldface.
2. The spectrum plots are attached on the following pages.

Vnormal
Channel 0



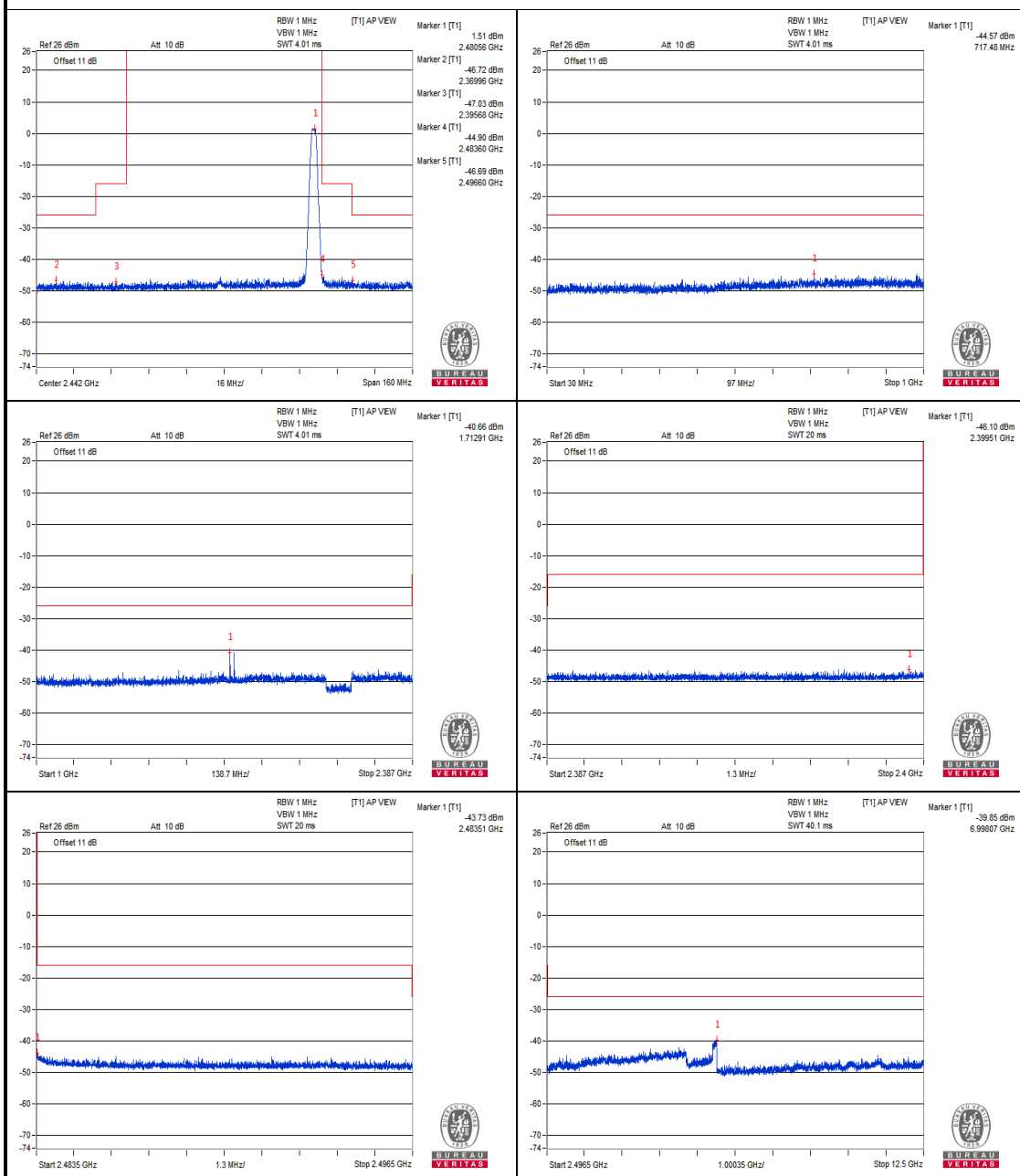
Measurement uncertainty: $\pm 3.93\text{dB}$

Vnormal
Channel 19



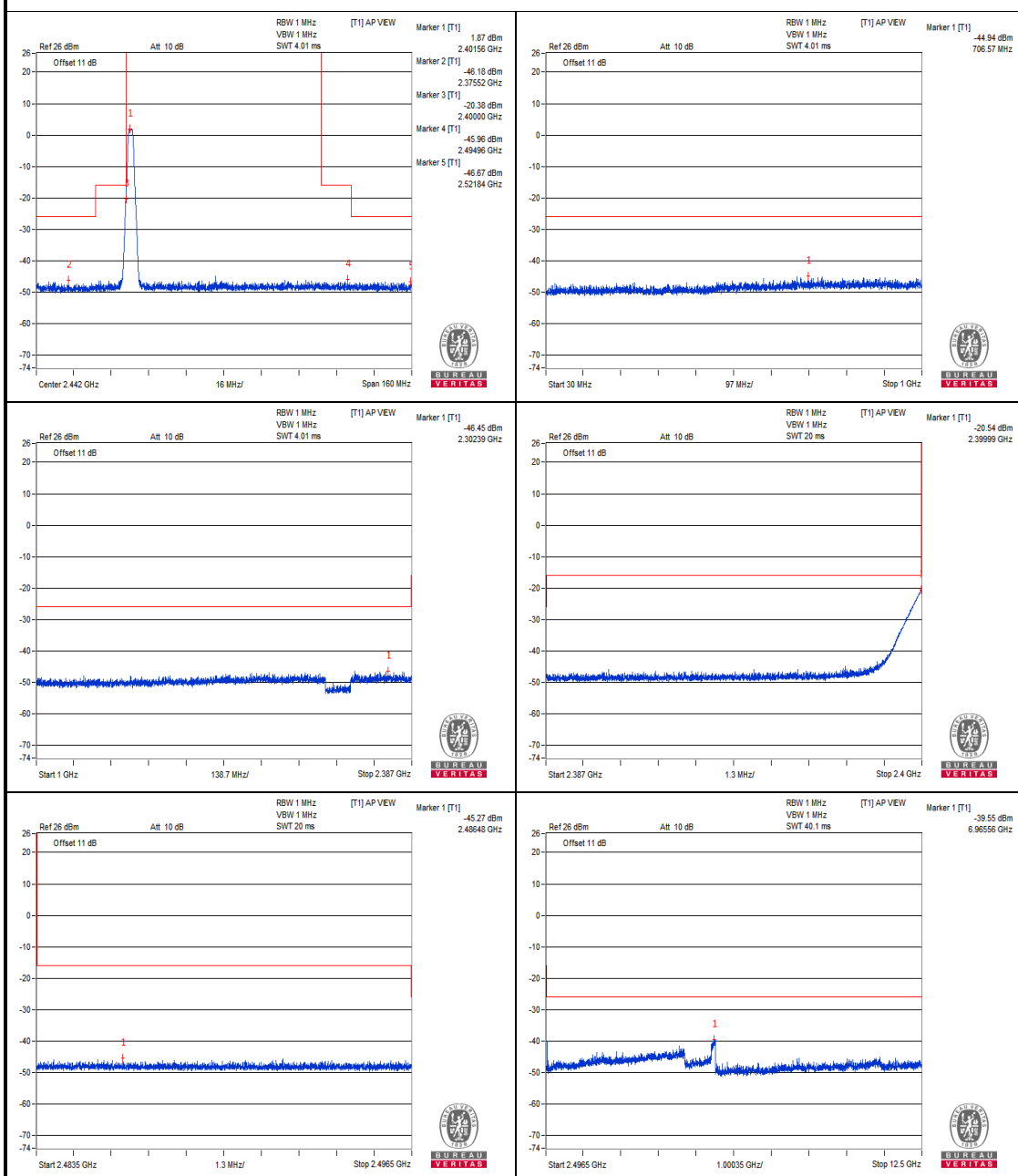
Measurement uncertainty: $\pm 3.93\text{dB}$

Vnormal Channel 39



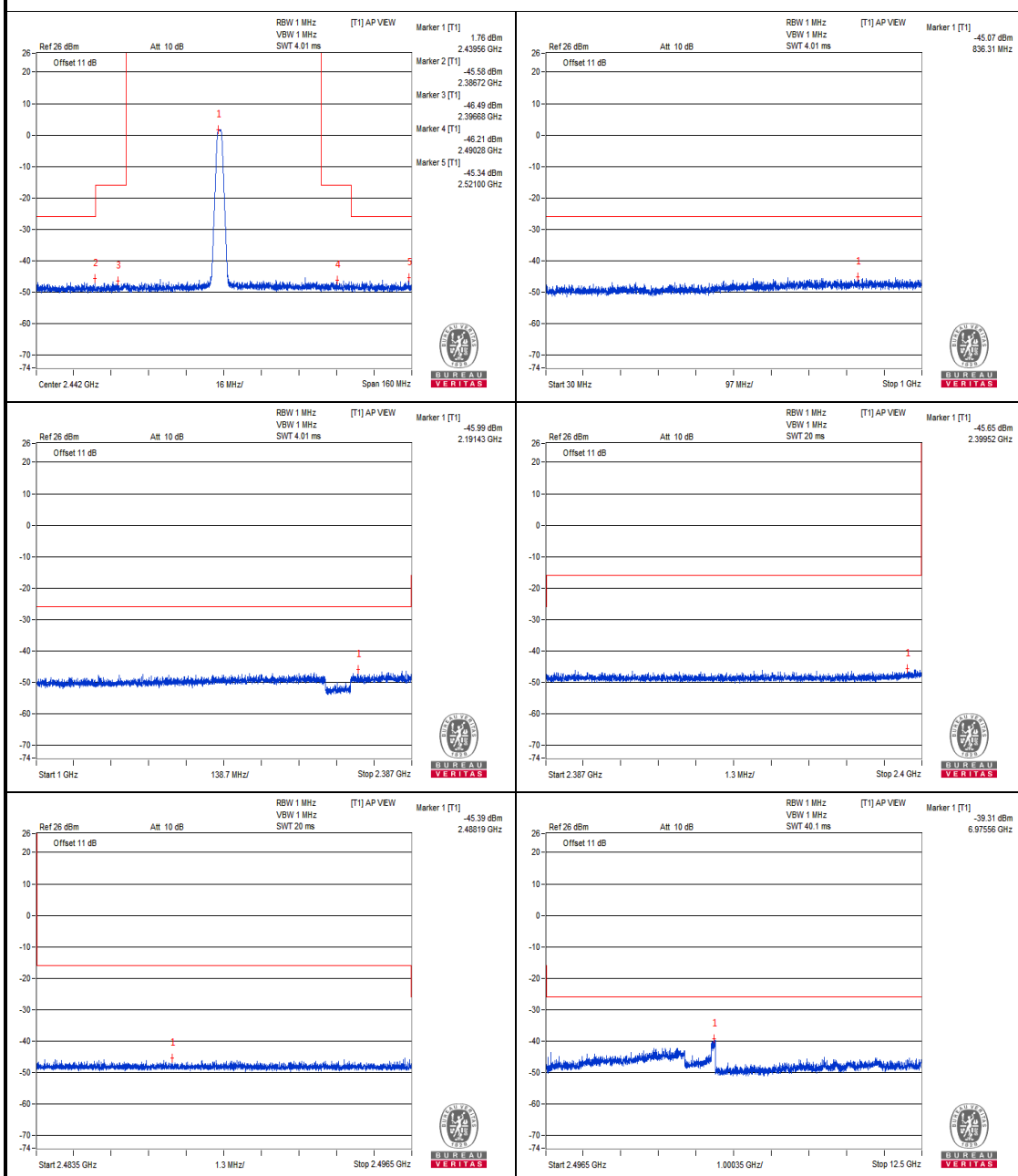
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 0



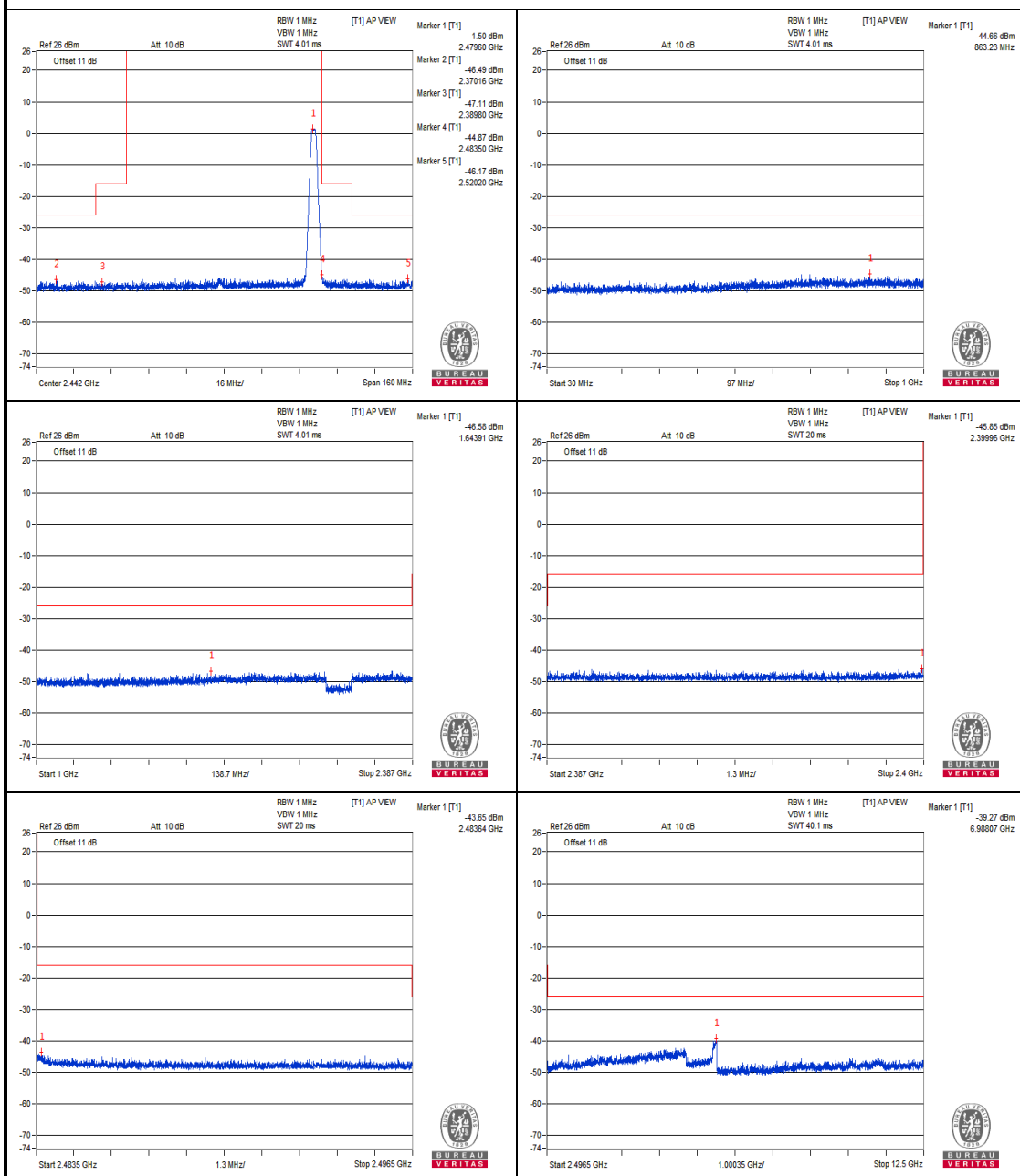
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 19



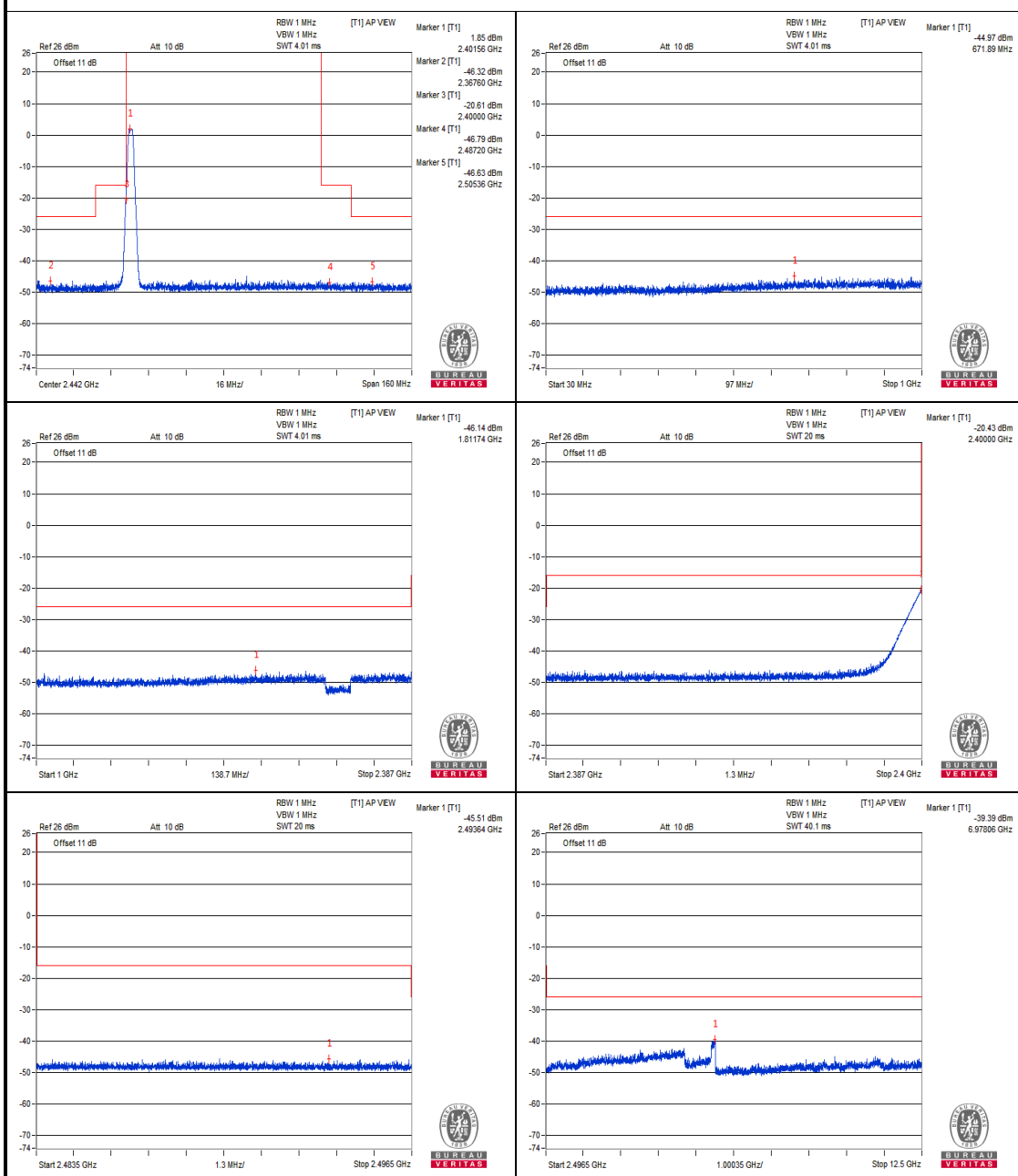
Measurement uncertainty: $\pm 3.93\text{dB}$

V+10%
Channel 39



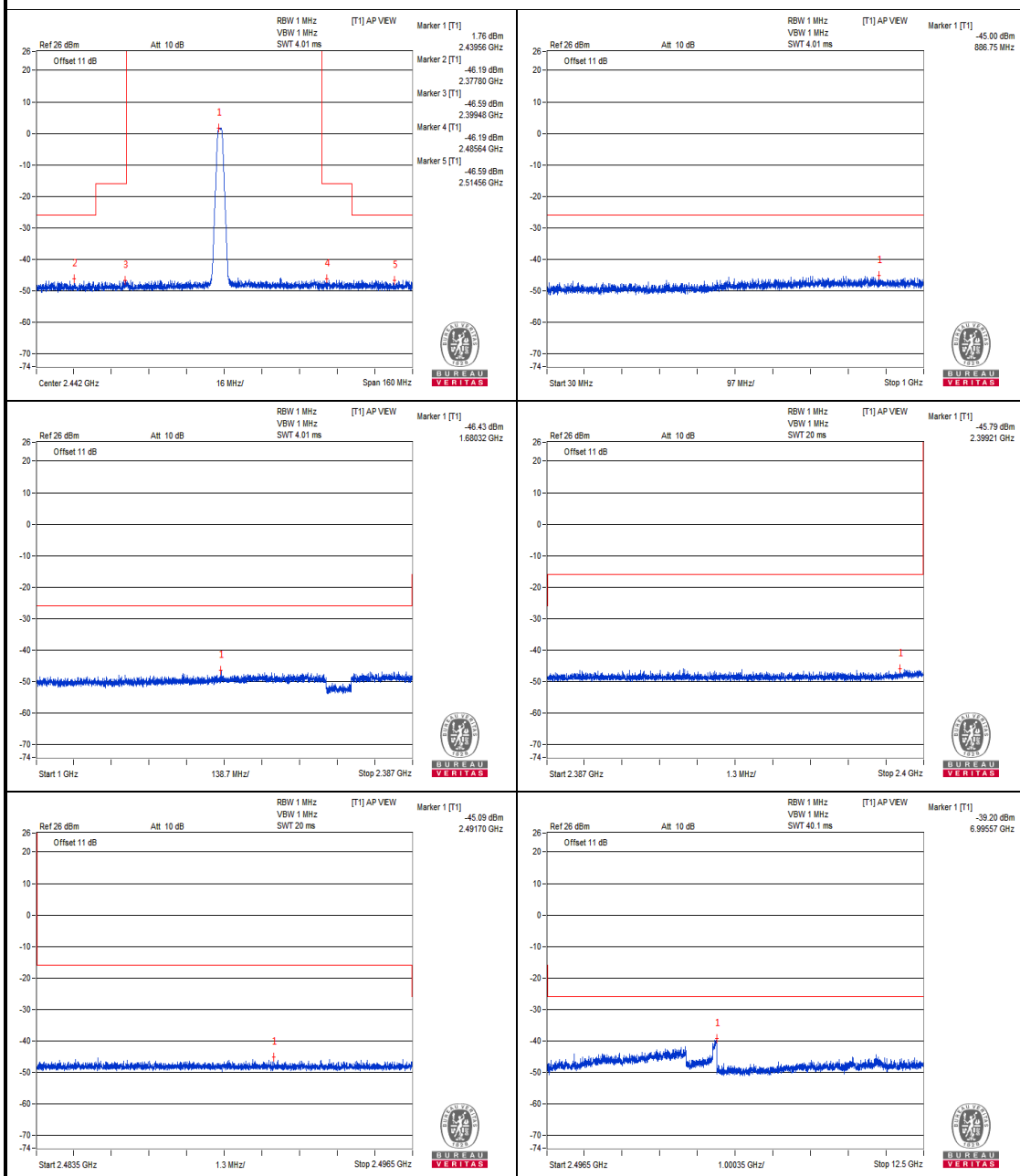
Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 0



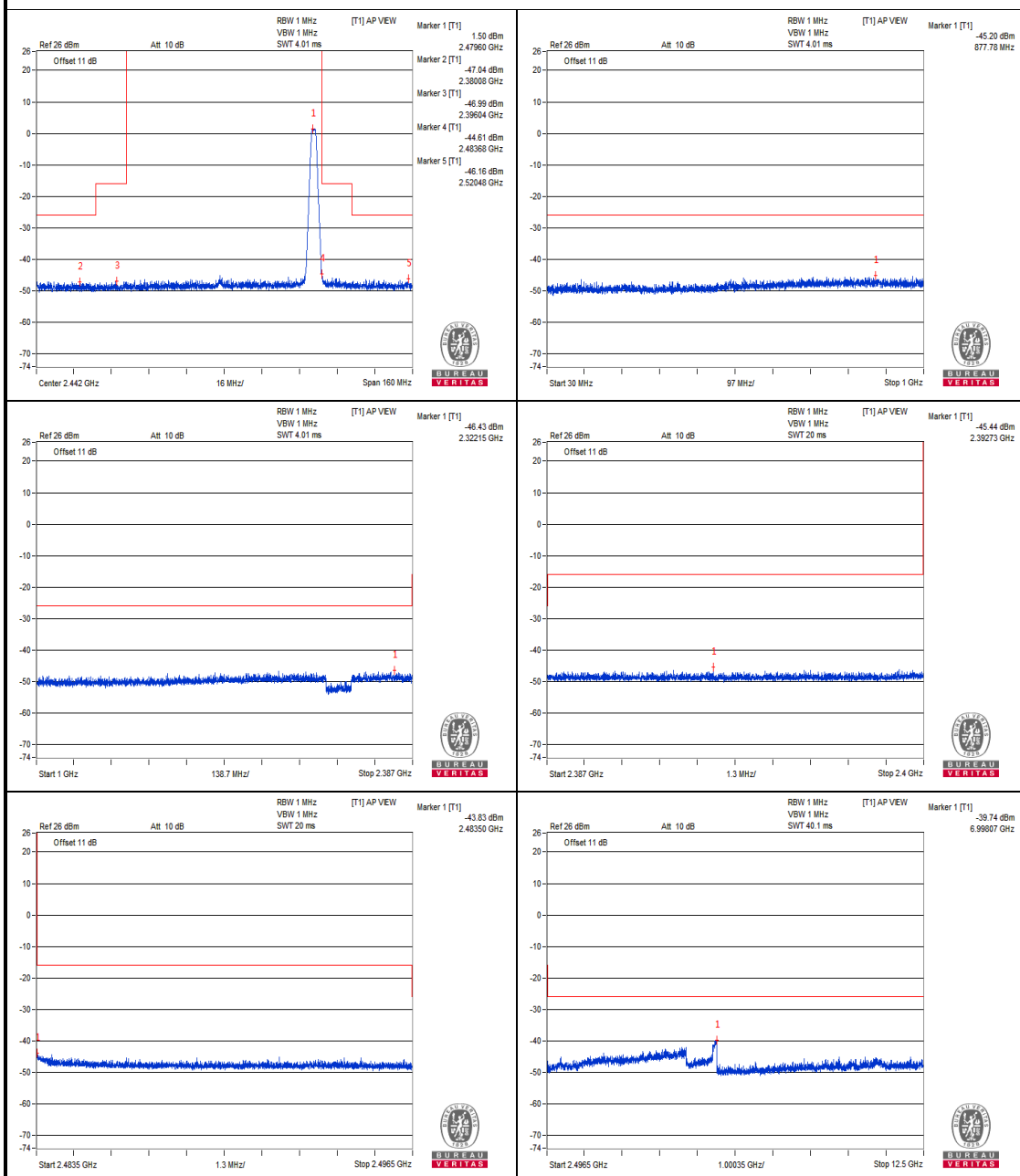
Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 19



Measurement uncertainty: $\pm 3.93\text{dB}$

V-10%
Channel 39



Measurement uncertainty: $\pm 3.93\text{dB}$



3.4 ANTENNA POWER MEASUREMENT

3.4.1 LIMITS OF ANTENNA POWER

Modulation system	Frequency band used	Antenna power (max.)	EIRP (max)	
			Omni-directional case	Directional case
DS.OFDM (Narrow-Band)	2,400 – 2,4835 MHz	10mW/MHz	12.14 dBm/MHz (16.367 mW/MHz)	22.14 dBm/MHz (163.682 mW/MHz)
OFDM (Wide-Band)	2,400 – 2,4835 MHz	5mW/MHz	9.13dBm/MHz (8.185mW/MHz)	19.13dBm/MHz (81.846mW/MHz)
DTS	2,400 – 2,4835 MHz	10mW	12.14 dBm 16.367 mW	22.14 dBm 163.682 mW

Tolerance of antenna power shall be +20% (upper value).

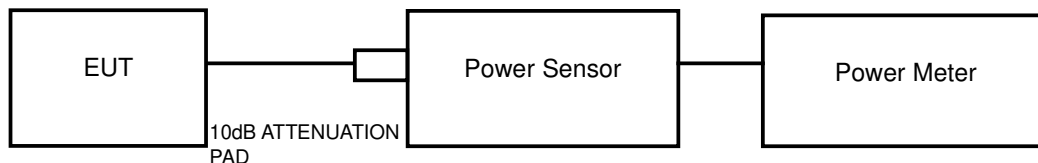
According article 49.20 f(2) The angular width of the principal radiation in the horizontal and vertical planes of the transmitting antenna shall not exceed the value obtained by the following expression. $360/A$ degree

A represents the value determined by dividing an equivalent isotropically radiated power by the value obtained by applying an antenna power with the mean power of 10 mW to the transmitting antenna with its absolute gain being 2.14 dB, and shall be 1 when it is lower than 1

3.4.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.4.3 TEST SETUP



3.4.4 TEST RESULTS

BT-LE (GFSK 1 Mbps)

ENVIRONMENTAL CONDITIONS	25 deg.C, 56% RH			
TEST CONDITION	Conducted RF output power (mW)			
	CHANNEL 0 2402MHz	CHANNEL 19 2440MHz	CHANNEL 39 2480MHz	MAX. LIMIT (mW)
V _{normal}	1.462	1.449	1.409	10
V _{+10%}	1.472	1.476	1.432	10
V _{-10%}	1.442	1.419	1.387	10
RATED POWER	2			
TOLERANCE OF ANTENNA POWER	<2.4			

ENVIRONMENTAL CONDITIONS	25 deg.C, 56% RH			
TEST CONDITION	EIRP output power (mW)			
	CHANNEL 0 2402MHz	CHANNEL 19 2440MHz	CHANNEL 39 2480MHz	MAX. LIMIT (mW)
V _{normal}	2.065	2.047	1.990	16.367
V _{+10%}	2.079	2.085	2.023	16.367
V _{-10%}	2.037	2.004	1.959	16.367

NOTES: 1. The EIRP output power is a “calculated” value derived from the conducted value.

2. Formula: EIRP output power = Conducted RF output power + Antenna Gain.

**BT-LE (GFSK 2 Mbps)**

ENVIRONMENTAL CONDITIONS	25 deg.C, 56% RH			
TEST CONDITION	Conducted RF output power (mW)			
	CHANNEL 0 2402MHz	CHANNEL 19 2440MHz	CHANNEL 39 2480MHz	MAX. LIMIT (mW)
V _{normal}	1.517	1.503	1.455	10
V _{+10%}	1.549	1.531	1.476	10
V _{-10%}	1.496	1.483	1.429	10
RATED POWER	2			
TOLERANCE OF ANTENNA POWER	<2.4			

ENVIRONMENTAL CONDITIONS	25 deg.C, 56% RH			
TEST CONDITION	EIRP output power (mW)			
	CHANNEL 0 2402MHz	CHANNEL 19 2440MHz	CHANNEL 39 2480MHz	MAX. LIMIT (mW)
V _{normal}	2.143	2.123	2.055	16.367
V _{+10%}	2.188	2.163	2.085	16.367
V _{-10%}	2.113	2.095	2.019	16.367

NOTES: 1. The EIRP output power is a “calculated” value derived from the conducted value.

2. Formula: EIRP output power = Conducted RF output power + Antenna Gain.

3.5 SPURIOUS EMISSIONS FOR RECEIVER

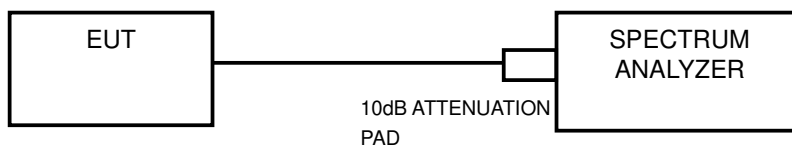
3.5.1 LIMITS OF SPURIOUS EMISSIONS FOR RECEIVER

FREQUENCIES (MHz)	LIMIT
Below 1GHz	$\leq 4\text{nW (-54dBm)}$
Above 1GHz	$\leq 20\text{nW (-47dBm)}$

3.5.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.5.3 TEST SETUP





3.5.4 SUMMARY OF TEST RESULT

BT-LE (GFSK 1 Mbps)

TEST CHANNEL		CH 0 (2402MHz)		CH 19 (2440MHz)		LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE. VALUE	FREQUENCY (MHz)	MEASURE. VALUE		
Vnormal	below 1GHz	79.950	0.398107nW	79.950	0.444631nW	4nW	PASS
	above 1GHz	6962.750	6.180164nW	6939.750	6.039486nW	20nW	PASS
V+10%	below 1GHz	159.980	0.476431nW	79.950	0.365595nW	4nW	PASS
	above 1GHz	6997.250	6.025596nW	6977.120	6.839116nW	20nW	PASS
V-10%	below 1GHz	79.950	0.43451nW	79.950	0.42658nW	4nW	PASS
	above 1GHz	6959.870	6.91831nW	6997.250	7.26106nW	20nW	PASS
TEST CHANNEL		CH 39 (2480MHz)				LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)		MEASURE. VALUE			
Vnormal	below 1GHz	39.940		0.43451nW		4nW	PASS
	above 1GHz	6991.500		6.180164nW		20nW	PASS
V+10%	below 1GHz	79.950		0.39355nW		4nW	PASS
	above 1GHz	6997.250		7.362071nW		20nW	PASS
V-10%	below 1GHz	79.950		0.41783nW		4nW	PASS
	above 1GHz	6980.000		7.12853nW		20nW	PASS

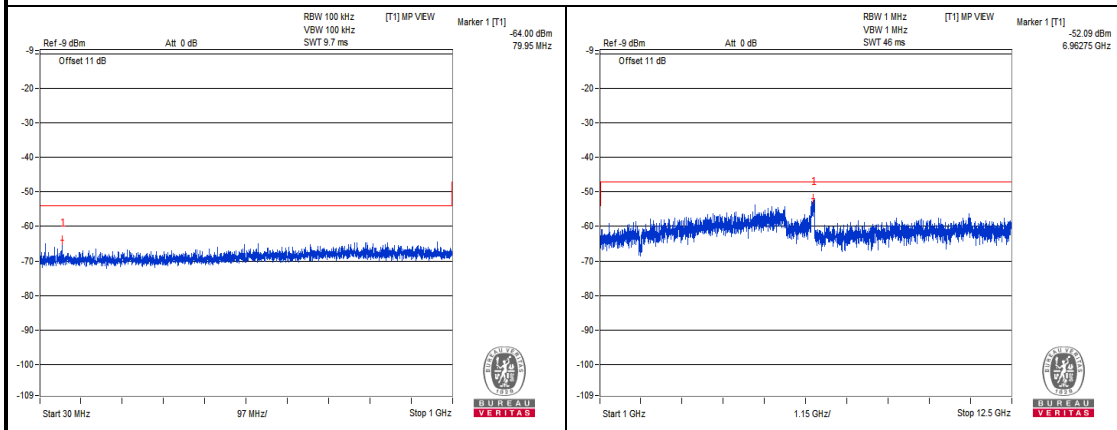
NOTES: 1. The worst value in each frequency range v.s. each channel has been marked by boldface.
2. The spectrum plots are attached on the following pages.



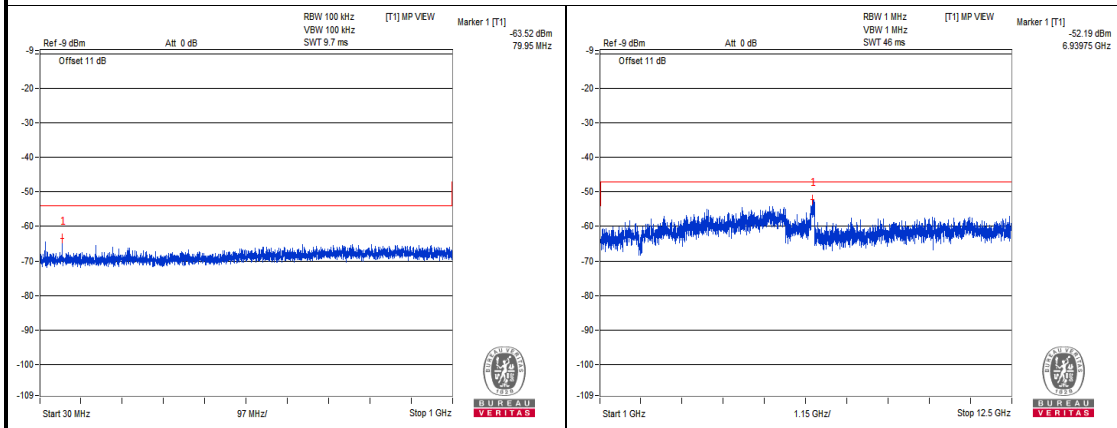
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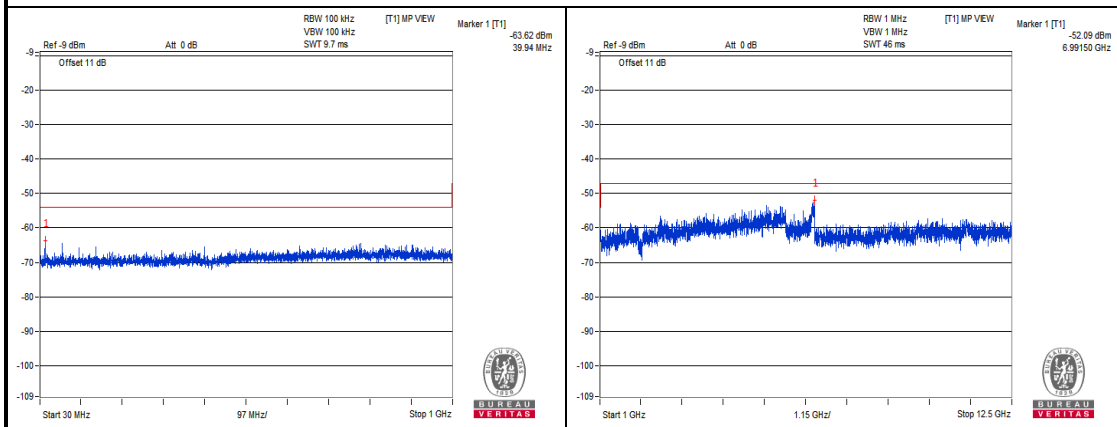
Vnormal



Channel 0



Channel 19



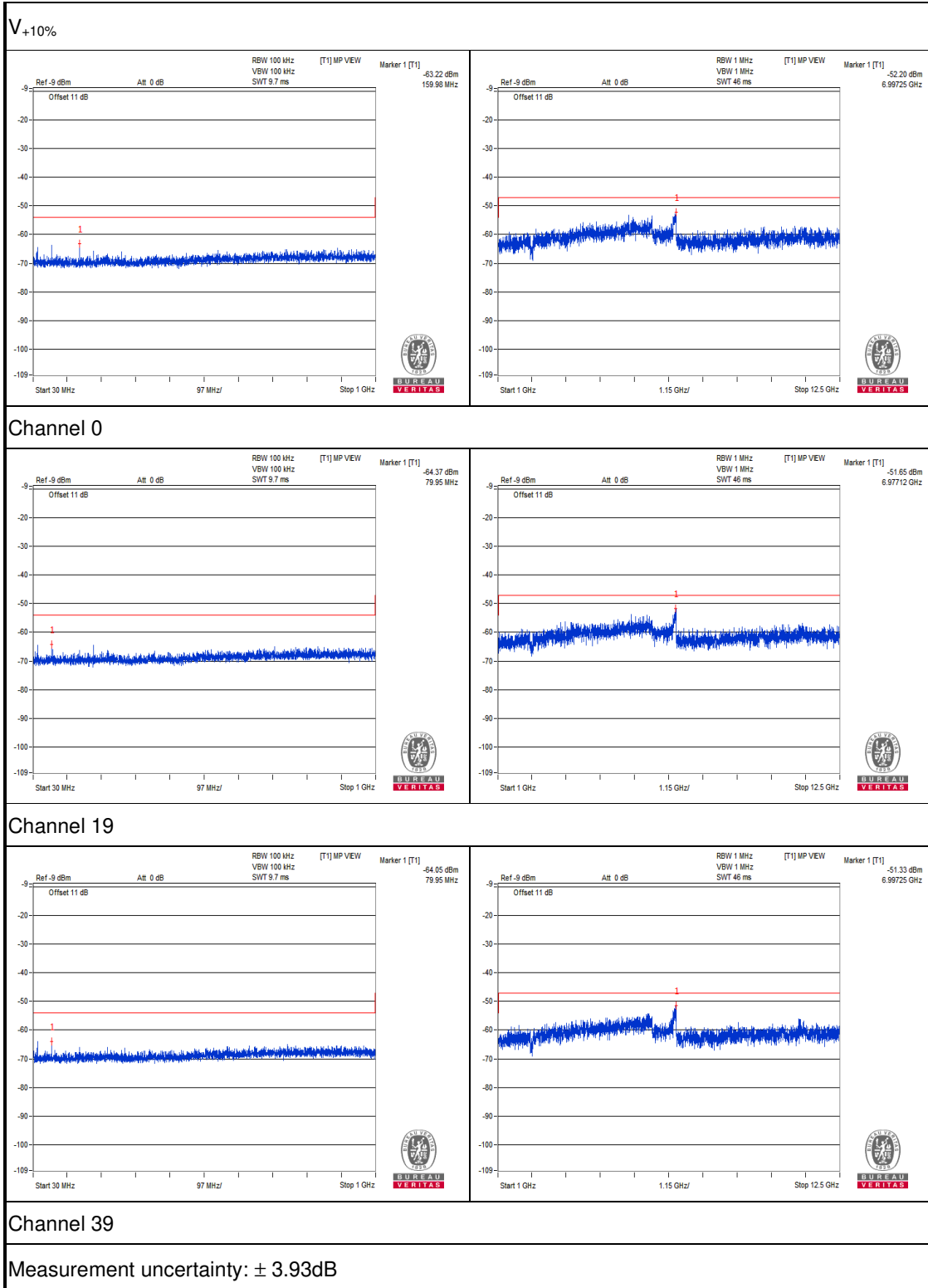
Channel 39

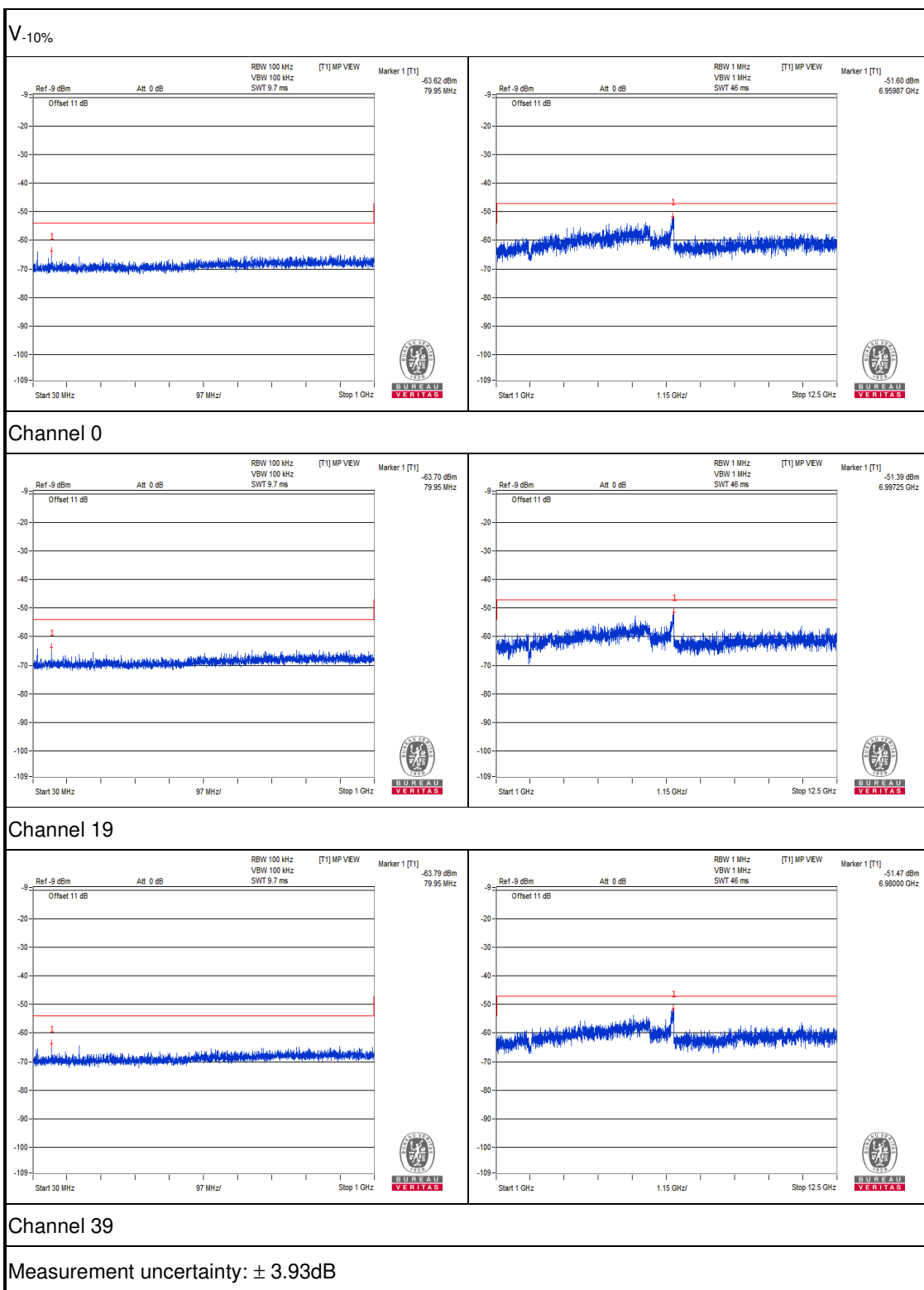
Measurement uncertainty: $\pm 3.93\text{dB}$



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VERITAS

Test Report No.: RJ2601WDG0455







BT-LE (GFSK 2 Mbps)

TEST CHANNEL		CH 0 (2402MHz)		CH 19 (2440MHz)		LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)	MEASURE. VALUE	FREQUENCY (MHz)	MEASURE. VALUE		
Vnormal	below 1GHz	79.950	0.458142nW	79.950	0.450817nW	4nW	PASS
	above 1GHz	6957.000	5.970353nW	6982.870	5.662393nW	20nW	PASS
V+10%	below 1GHz	79.950	0.432514nW	79.950	0.486407nW	4nW	PASS
	above 1GHz	6945.500	6.251727nW	6985.750	6.591739nW	20nW	PASS
V-10%	below 1GHz	79.950	0.368978nW	79.950	0.374111nW	4nW	PASS
	above 1GHz	6942.620	5.357967nW	6974.250	7.277798nW	20nW	PASS
TEST CHANNEL		CH 39 (2480MHz)				LIMIT	RESULT
TEST CONDITION	FREQUENCY RANGE	FREQUENCY (MHz)		MEASURE. VALUE			
Vnormal	below 1GHz	39.940		0.372392nW		4nW	PASS
	above 1GHz	6991.500		5.847901nW		20nW	PASS
V+10%	below 1GHz	79.950		0.44978nW		4nW	PASS
	above 1GHz	6980.000		6.223003nW		20nW	PASS
V-10%	below 1GHz	79.950		0.460257nW		4nW	PASS
	above 1GHz	6994.370		5.546257nW		20nW	PASS

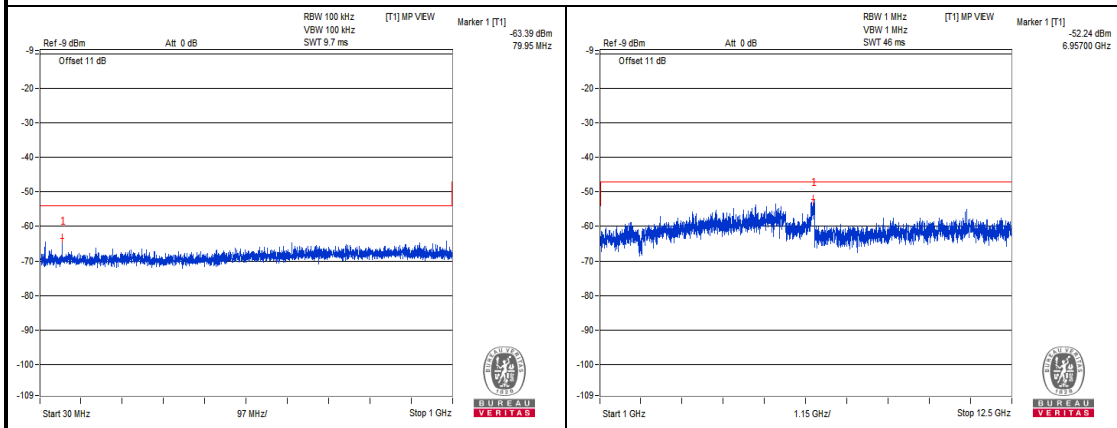
NOTES: 1. The worst value in each frequency range v.s. each channel has been marked by boldface.
2. The spectrum plots are attached on the following pages.



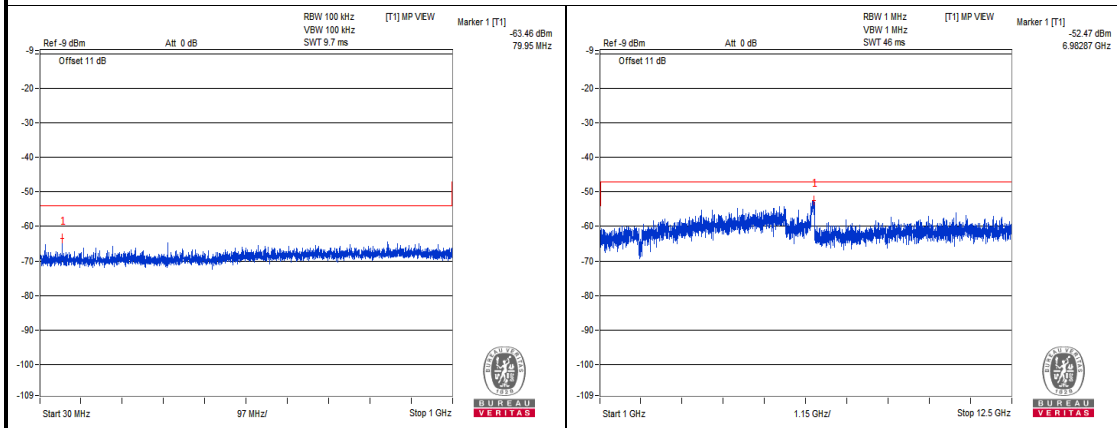
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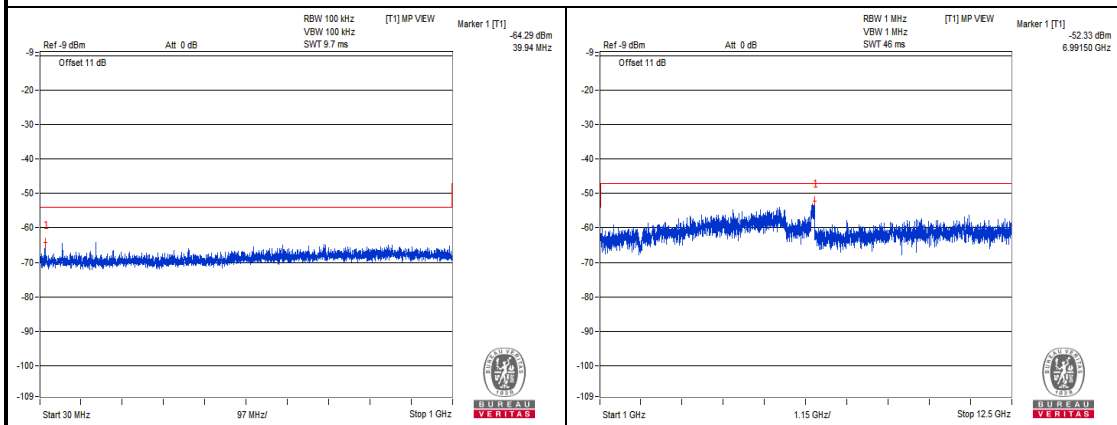
Vnormal



Channel 0

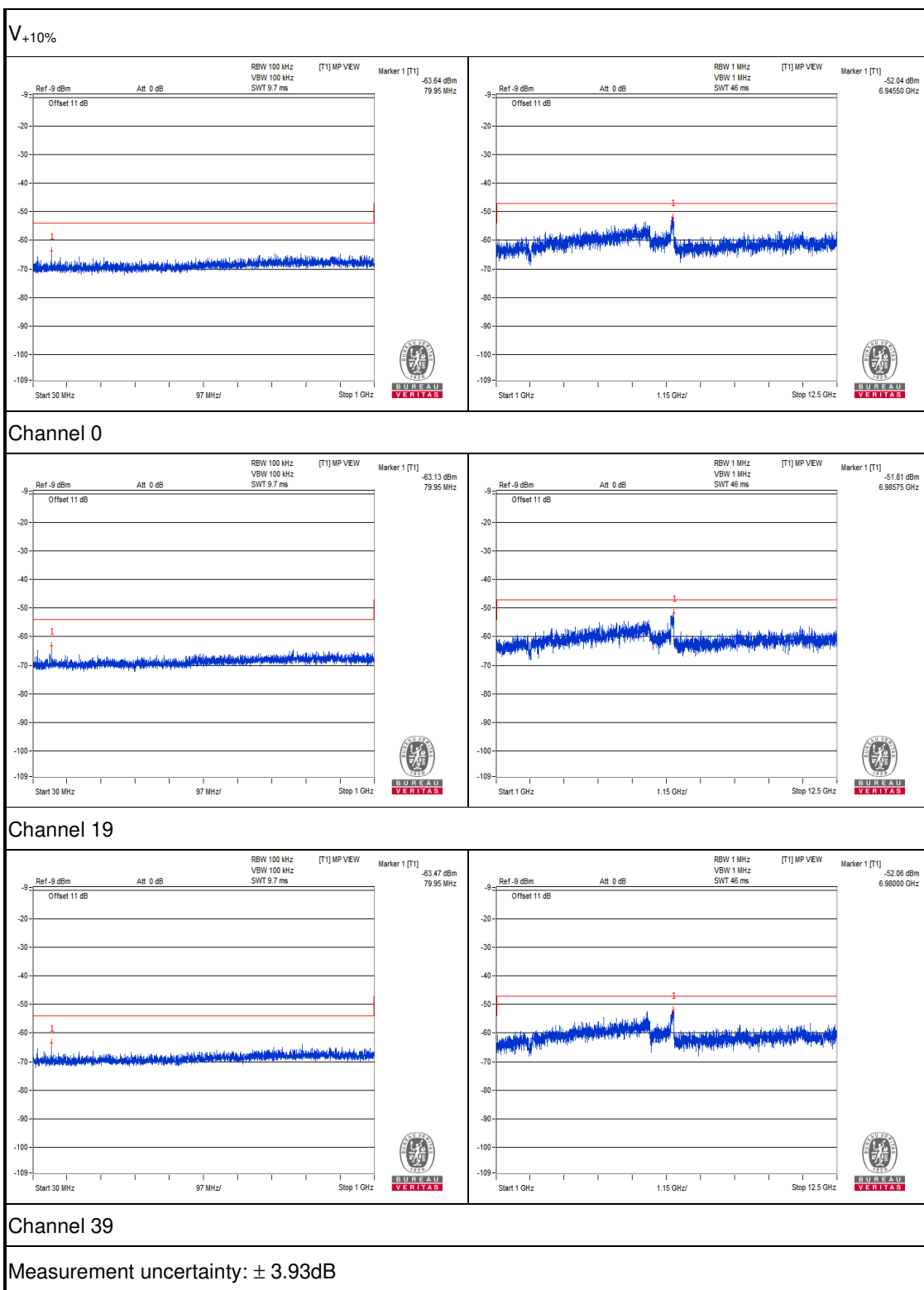


Channel 19



Channel 39

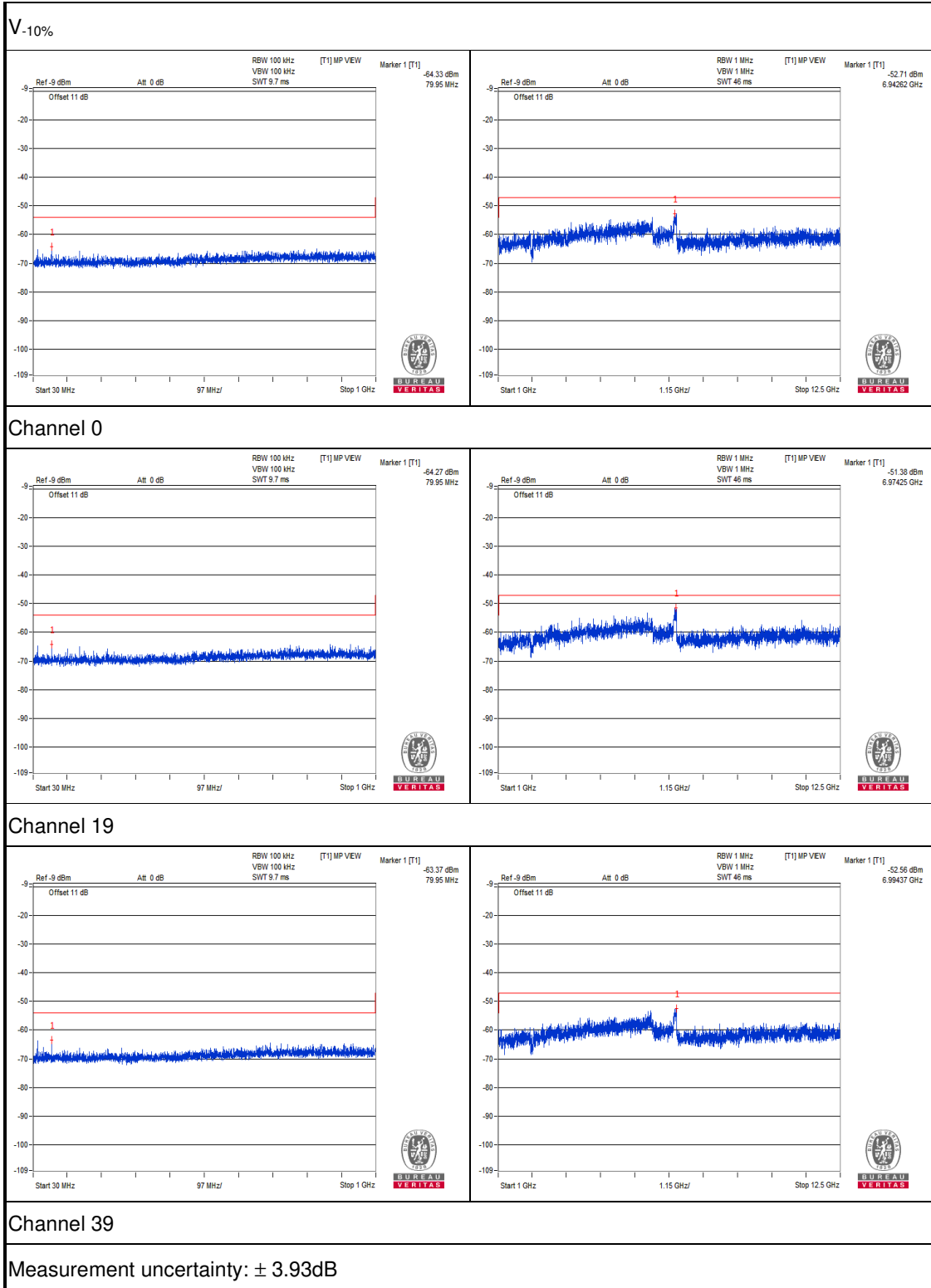
Measurement uncertainty: $\pm 3.93\text{dB}$





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3.6 INTERFERENCE PREVENTION FUNCTION

3.6.1 LIMITS OF INTERFERENCE PREVENTION FUNCTION

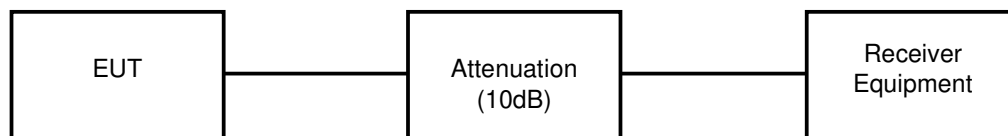
Item	Limits
Identification	≥48bits

Note: In ASCII, a character usually takes 8 bits.

3.6.2 TEST METHOD

According to MIC Notice No. 88 Appendix 43.

3.6.3 TEST SETUP



3.6.4 TEST RESULTS

ENVIRONMENTAL CONDITIONS	25 deg.C, 56% RH
LINK MODE	TEST RESULT
BT	PASS
MAC Address	00:E0:4C:00:00:17



4 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.	Calibration Body	Calibration Method
Power Sensor	Keysight	U2021XA	MY57320002	Apr. 07, 26	GRGT	C
Digital Multimeter	FLUKE	15B	12151063	Jun. 03, 26	GRGT	C
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 10, 26	GRGT	C
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101003	Oct. 09, 26	GRGT	C
Signal Generator	Agilent	N5183A	MY50140980	Jul. 06, 26	GRGT	C
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 06, 26	GRGT	C
Attenuator	MINI	BW-S10W2+	S130129FGE2	Oct. 09, 26	Internal	C
DC Source	Rohde&Schwarz	HMP2020	101295	Jun. 03, 26	GRGT	C
Test software	ADT	ADT_RF Test Software V6.6.5.3	N/A	N/A	N/A	C

NOTE:

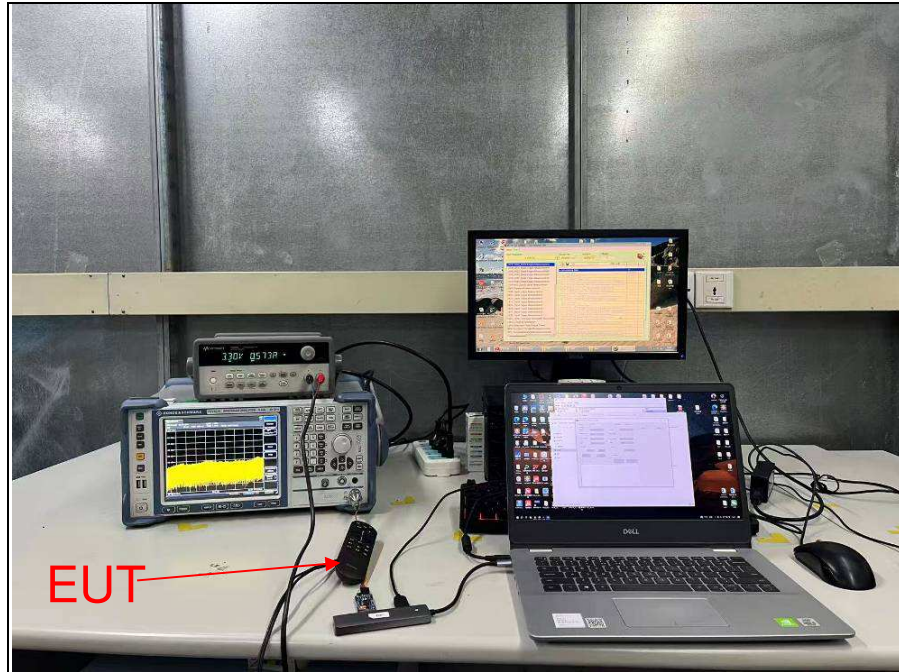
1. The test was performed in RF Ovenroom.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.

Calibration Method:

- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- 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 measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)



5 PHOTOGRAPHS OF THE TEST CONFIGURATION





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6 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

--- END ---