4.5 Antenna Power Measurement

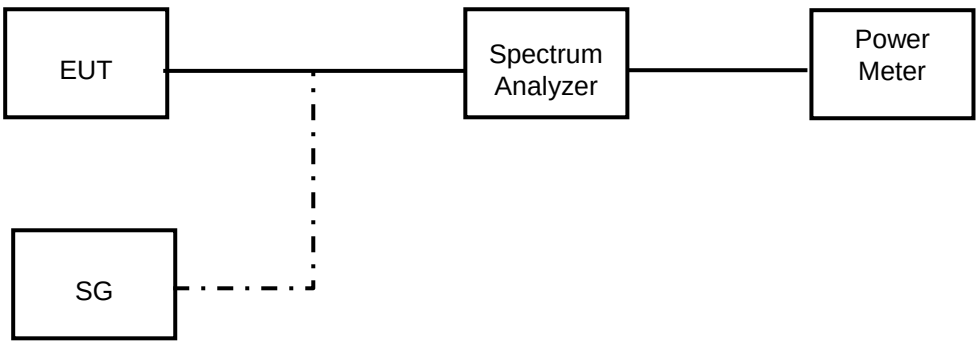
4.5.1 Limits of Antenna Power

W52				
Mode	**802.11a / 802.11n (HT20) / 802.11ax (HE20)**	**802.11 (HT40) / 802.11ax (HE40)**	**802.11ac (VHT80) / 802.11ax (HE80)**	**802.11ac (VHT160) / 802.11ax (HE160)**
Output Power	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	1.25mW/MHz
E.I.R.P	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	1.25mW/MHz

W53				
Mode	**802.11a / 802.11n (HT20) / 802.11ax (HE20)**	**802.11 (HT40) / 802.11ax (HE40)**	**802.11ac (VHT80) / 802.11ax (HE80)**	**802.11ac (VHT160) / 802.11ax (HE160)**
Output Power	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	1.25mW/MHz
E.I.R.P (with TPC)	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	1.25mW/MHz
E.I.R.P (without TPC)	5 mW/MHz	2.5 mW/MHz	1.25 mW/MHz	0.625mW/MHz

W56				
Mode	**802.11a / 802.11n (HT20) / 802.11ax (HE20)**	**802.11 (HT40) / 802.11ax (HE40)**	**802.11ac (VHT80) / 802.11ax (HE80)**	**802.11ac (VHT160) / 802.11ax (HE160)**
Output Power	10 mW/MHz	5 mW/MHz	2.5 mW/MHz	1.25mW/MHz
E.I.R.P (with TPC)	50 mW/MHz	25 mW/MHz	12.5 mW/MHz	6.25mW/MHz
E.I.R.P (without TPC)	25 mW/MHz	12.5 mW/MHz	6.25 mW/MHz	3.125mW/MHz

4.5.2 Test Setup



4.5.3 Test Results

SISO

W52 and W53 bands: 802.11a

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.042	2.932	3.134	10
48	5240	**3.178**	3.17	3.163	10
52	5260	3.405	3.366	**3.524**	10
64	5320	3.428	3.405	3.468	10
Rated Power		W52: 3.2 mW W53: 3.2 mW			
Tolerance of Antenna Power		W52: 0.64 ~ 3.84 mW W53: 0.64 ~ 3.84 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.978	8.653	9.249	10
48	5240	**9.379**	9.355	9.335	10
52	5260	9.165	9.06	**9.485**	10
64	5320	9.227	9.165	9.334	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11n (HT20)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.007	2.898	2.885	10
48	5240	**3.222**	3.12	3.2	10
52	5260	3.533	**3.682**	3.381	10
64	5320	3.452	3.549	3.565	10
Rated Power		W52: 3.2 mW W53: 3.2 mW			
Tolerance of Antenna Power		W52: 0.64 ~ 3.84 mW W53: 0.64 ~ 3.84 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.874	8.553	8.514	10
48	5240	**9.509**	9.208	9.444	10
52	5260	9.509	**9.91**	9.1	10
64	5320	9.291	9.552	9.595	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11n (HT40)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	1.546	1.571	1.483	5
46	5230	1.528	1.51	**1.596**	5
54	5270	1.615	1.607	1.563	5
62	5310	1.656	1.683	**1.722**	5
Rated Power		W52: 1.6 mW W53: 1.6 mW			
Tolerance of Antenna Power		W52: 0.32 ~ 1.92 mW W53: 0.32 ~ 1.92 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	4.563	4.636	4.377	5
46	5230	4.509	4.456	**4.71**	5
54	5270	4.347	4.325	4.207	5
62	5310	4.457	4.53	**4.635**	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ac (VHT80)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	0.735	0.72	**0.75**	2.5
58	5290	0.796	**0.809**	0.795	2.5
Rated Power		W52: 0.8 mW W53: 0.8 mW			
Tolerance of Antenna Power		W52: 0.16 ~ 0.96 mW W53: 0.16 ~ 0.96 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	2.169	2.125	**2.213**	2.5
58	5290	2.142	**2.177**	2.14	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ac (VHT160)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	0.368	0.369	**0.379**	1.25
Rated Power		0.4 mW			
Tolerance of Antenna Power		0.08 ~ 0.48 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	1.086	1.089	**1.119**	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE20)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.021	3.112	3.049	10
48	5240	3.156	**3.282**	3.237	10
52	5260	3.2	3.12	3.244	10
64	5320	3.207	**3.335**	3.252	10
Rated Power		W52: 3.2 mW W53: 3.2 mW			
Tolerance of Antenna Power		W52: 0.64 ~ 3.84 mW W53: 0.64 ~ 3.84 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.916	9.184	8.998	10
48	5240	9.314	**9.686**	9.553	10
52	5260	8.613	8.398	8.731	10
64	5320	8.632	**8.976**	8.753	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE40)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	**1.538**	1.524	1.493	5
46	5230	1.514	1.476	1.469	5
54	5270	1.578	1.553	1.51	5
62	5310	**1.633**	1.585	1.578	5
Rated Power		W52: 1.6 mW W53: 1.6 mW			
Tolerance of Antenna Power		W52: 0.32 ~ 1.92 mW W53: 0.32 ~ 1.92 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	**4.539**	4.498	4.406	5
46	5230	4.468	4.356	4.335	5
54	5270	4.247	4.18	4.064	5
62	5310	**4.395**	4.266	4.247	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE80)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	0.789	**0.824**	0.795	2.5
58	5290	0.811	0.798	**0.834**	2.5
Rated Power		W52: 0.8 mW W53: 0.8 mW			
Tolerance of Antenna Power		W52: 0.16 ~ 0.96 mW W53: 0.16 ~ 0.96 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	2.329	**2.432**	2.346	2.5
58	5290	2.183	2.148	**2.245**	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE160)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	**0.421**	0.418	0.41	1.25
Rated Power		0.4 mW			
Tolerance of Antenna Power		0.08 ~ 0.48 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	**1.242**	1.234	1.21	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11a

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.296	7.553	7.622	10
120	5600	7.535	7.746	7.605	10
144	5720	7.605	7.64	**7.836**	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	23.072	23.885	24.103	50
120	5600	23.828	24.495	24.049	50
144	5720	24.049	24.16	**24.78**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11n (HT20)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.381	7.13	7.213	10
120	5600	7.196	7.518	7.246	10
144	5720	7.398	**7.711**	7.675	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	23.341	22.547	22.81	50
120	5600	22.756	23.774	22.914	50
144	5720	23.395	**24.384**	24.27	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11n (HT40)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	3.524	**3.574**	3.468	5
118	5590	3.5	3.405	3.397	5
142	5710	3.343	3.327	3.327	5
Rated Power		4 mW			
Tolerance of Antenna Power		2 ~ 6 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	11.144	**11.302**	10.967	25
118	5590	11.068	10.768	10.742	25
142	5710	10.571	10.521	10.521	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ac (VHT80)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	**1.714**	1.645	1.656	2.5
122	5610	1.593	1.524	1.656	2.5
138	5690	1.607	1.553	1.679	2.5
Rated Power		2 mW			
Tolerance of Antenna Power		1 ~ 3 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	**5.42**	5.202	5.237	12.5
122	5610	5.038	4.819	5.237	12.5
138	5690	5.082	4.911	5.309	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ac (VHT160)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	1.019	1.031	**1.04**	1.25
Rated Power		1 mW			
Tolerance of Antenna Power		0.5 ~ 1.5 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	3.222	3.26	**3.289**	6.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802. 11ax (HE20)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.313	7.213	7.432	10
120	5600	7.483	7.313	7.279	10
144	5720	7.57	7.64	**7.675**	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	23.126	22.81	23.502	50
120	5600	23.663	23.126	23.018	50
144	5720	23.938	24.16	**24.27**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11ax (HE40)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	3.582	3.574	3.436	5
118	5590	3.541	3.541	**3.657**	5
142	5710	3.343	3.476	3.304	5
Rated Power		4 mW			
Tolerance of Antenna Power		2 ~ 6 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	11.327	11.302	10.866	25
118	5590	11.198	11.198	**11.564**	25
142	5710	10.571	10.992	10.448	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ax (HE80)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	1.71	1.754	1.71	2.5
122	5610	1.783	**1.867**	1.762	2.5
138	5690	1.633	1.622	1.585	2.5
Rated Power		2 mW			
Tolerance of Antenna Power		1 ~ 3 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	5.407	5.547	5.407	12.5
122	5610	5.638	**5.904**	5.572	12.5
138	5690	5.164	5.129	5.012	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ax (HE160)

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	1.045	**1.079**	1.04	1.25
Rated Power		1 mW			
Tolerance of Antenna Power		0.5 ~ 1.5 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	3.305	**3.412**	3.289	6.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11a

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.32	3.289	3.297	10
48	5240	**3.476**	3.405	3.476	10
52	5260	2.613	2.637	**2.667**	10
64	5320	2.625	2.542	2.571	10
Rated Power		W52: 3.5 mW W53: 3.5 mW			
Tolerance of Antenna Power		W52: 0.7 ~ 4.2 mW W53: 0.7 ~4.2 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	9.357	9.27	9.292	10
48	5240	**9.797**	9.597	9.797	10
52	5260	9.708	9.797	**9.909**	10
64	5320	9.753	9.444	9.552	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11n (HT20)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.192	3.252	3.098	10
48	5240	3.289	3.156	**3.436**	10
52	5260	2.589	2.559	**2.649**	10
64	5320	2.589	2.607	2.595	10
Rated Power		W52: 3.5 mW W53: 3.5 mW			
Tolerance of Antenna Power		W52: 0.7 ~ 4.2 mW W53: 0.7 ~ 4.2 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.996	9.165	8.731	10
48	5240	9.27	8.895	**9.684**	10
52	5260	9.619	9.508	**9.842**	10
64	5320	9.619	9.686	9.641	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11n (HT40)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	1.567	1.582	1.567	5
46	5230	1.585	1.514	**1.622**	5
54	5270	1.259	1.211	**1.312**	5
62	5310	1.306	1.286	1.256	5
Rated Power		W52: 1.75 mW W53: 1.75 mW			
Tolerance of Antenna Power		W52: 0.35 ~ 2.1 mW W53: 0.35 ~ 2.1 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	4.416	4.459	4.416	5
46	5230	4.467	4.267	**4.571**	5
54	5270	4.678	4.499	**4.875**	5
62	5310	4.852	4.778	4.666	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ac (VHT80)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	0.762	**0.776**	0.747	2.5
58	5290	0.637	**0.661**	0.622	2.5
Rated Power		W52: 0.875 mW W53: 0.875 mW			
Tolerance of Antenna Power		W52: 0.2 ~ 1.2 mW W53: 0.2 ~ 1.2 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	2.148	**2.187**	2.105	2.5
58	5290	2.367	**2.456**	2.311	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ac (VHT160)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	0.318	0.306	**0.327**	1.25
Rated Power		0.33375 mW			
Tolerance of Antenna Power		0.06675 ~ 0.4005 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	1.181	1.137	**1.215**	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE20)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.12	3.229	3.237	10
48	5240	**3.274**	3.192	3.134	10
52	5260	2.495	2.461	2.571	10
64	5320	2.489	2.422	**2.577**	10
Rated Power		W52: 3.5 mW W53: 3.5 mW			
Tolerance of Antenna Power		W52: 0.7 ~ 4.2 mW W53: 0.7 ~ 4.2 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.793	9.101	9.123	10
48	5240	**9.227**	8.996	8.833	10
52	5260	9.27	9.143	9.552	10
64	5320	9.248	8.999	**9.574**	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE40)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	1.596	1.535	**1.615**	5
46	5230	1.571	1.596	1.549	5
54	5270	1.203	1.203	1.148	5
62	5310	1.248	1.203	**1.297**	5
Rated Power		W52: 1.75 mW W53: 1.75 mW			
Tolerance of Antenna Power		W52: 0.35 ~ 2.1 mW W53: 0.35 ~ 2.1 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
38	5190	4.498	4.326	**4.552**	5
46	5230	4.428	4.498	4.366	5
54	5270	4.47	4.47	4.265	5
62	5310	4.637	4.47	**4.819**	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE80)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	0.806	**0.815**	0.782	2.5
58	5290	0.621	**0.625**	0.61	2.5
Rated Power		W52: 0.875 mW W53: 0.875 mW			
Tolerance of Antenna Power		W52: 0.175 ~ 1.05 mW W53: 0.175 ~ 1.05 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
42	5210	2.272	**2.297**	2.204	2.5
58	5290	2.307	**2.322**	2.266	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: 802.11ax (HE160)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	0.327	**0.333**	**0.333**	1.25
Rated Power		0.33375 mW			
Tolerance of Antenna Power		0.06675 ~ 0.4005 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
50	5250	1.215	**1.237**	**1.237**	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11a

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.449	7.415	7.313	10
120	5600	7.535	7.64	7.229	10
144	5720	7.64	7.553	**7.8**	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	24.104	23.994	23.664	50
120	5600	24.383	24.723	23.393	50
144	5720	24.723	24.441	**25.24**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11n (HT20)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.398	7.279	7.246	10
120	5600	7.518	**7.711**	7.658	10
144	5720	7.535	7.279	7.693	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	23.939	23.554	23.448	50
120	5600	24.328	**24.952**	24.781	50
144	5720	24.383	23.554	24.894	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11n (HT40)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	3.623	**3.725**	3.648	5
118	5590	3.565	3.476	3.557	5
142	5710	3.476	3.389	3.343	5
Rated Power		4 mW			
Tolerance of Antenna Power		2 ~ 6 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	11.724	**12.054**	11.805	25
118	5590	11.536	11.248	11.51	25
142	5710	11.248	10.967	10.818	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ac (VHT80)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	1.746	1.71	1.775	2.5
122	5610	1.738	**1.791**	1.722	2.5
138	5690	1.714	1.699	1.762	2.5
Rated Power		2 mW			
Tolerance of Antenna Power		1 ~ 3 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	5.65	5.533	5.744	12.5
122	5610	5.624	**5.796**	5.572	12.5
138	5690	5.546	5.498	5.702	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ac (VHT160)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	1.033	1.047	**1.05**	1.25
Rated Power		1 mW			
Tolerance of Antenna Power		0.5 ~ 1.5 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	3.343	3.388	**3.398**	6.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802. 11ax (HE20)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	7.466	7.483	7.553	10
120	5600	7.483	**7.746**	7.196	10
144	5720	7.57	7.483	7.279	10
Rated Power		8 mW			
Tolerance of Antenna Power		4 ~ 12 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	24.16	24.215	24.441	50
120	5600	24.215	**25.066**	23.286	50
144	5720	24.496	24.215	23.554	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: 802.11ax (HE40)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	3.665	**3.674**	3.615	5
118	5590	3.607	3.541	3.508	5
142	5710	3.476	3.557	3.492	5
Rated Power		4 mW			
Tolerance of Antenna Power		2 ~ 6 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
102	5510	11.86	**11.889**	11.698	25
118	5590	11.672	11.458	11.352	25
142	5710	11.248	11.51	11.3	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ax (HE80)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	1.742	1.812	1.746	2.5
122	5610	1.824	1.762	**1.901**	2.5
138	5690	1.699	1.671	1.742	2.5
Rated Power		2 mW			
Tolerance of Antenna Power		1 ~ 3 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
106	5530	5.637	5.864	5.65	12.5
122	5610	5.902	5.702	**6.152**	12.5
138	5690	5.498	5.407	5.637	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands: 802.11ax (HE160)

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	**1.064**	1.062	1.026	1.25
Rated Power		1 mW			
Tolerance of Antenna Power		0.5 ~ 1.5 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
114	5570	**3.443**	3.437	3.32	6.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

MIMO

W52 and W53 bands:

802.11n (HT20)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.538	1.535	3.073	10
48	5240	1.528	1.563	3.091	10
52	5260	1.233	1.225	2.458	10
64	5320	1.231	1.208	2.439	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.483	1.563	3.046	10
48	5240	1.479	1.5	2.979	10
52	5260	1.286	1.211	**2.497**	10
64	5320	1.265	1.216	2.481	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.476	1.49	2.966	10
48	5240	1.517	1.633	**3.15**	10
52	5260	1.181	1.253	2.434	10
64	5320	1.271	1.211	2.482	10
Rated power		W52: 3.2mW/MHz W53: 3.2mW/MHz			
Tolerance of antenna power		W52: 0.64mW ~ 3.84mW W53: 0.64mW ~ 3.84mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
36	5180	9.069	8.989	8.753	10
48	5240	9.122	8.792	**9.296**	10
52	5260	9.132	9.277	9.043	10
64	5320	9.062	9.218	**9.222**	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:
802.11n (HT20)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.468	4.657	9.125	10
120	5600	4.53	4.743	9.273	10
144	5720	4.668	4.944	9.612	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.316	4.582	8.898	10
120	5600	4.733	4.865	9.598	10
144	5720	4.865	4.776	9.641	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.366	4.561	8.927	10
120	5600	4.561	4.832	9.393	10
144	5720	4.843	5.048	**9.891**	10
Rated power		10mW/MHz			
Tolerance of antenna power		5mW ~ 15mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
100	5500	29.528	28.793	28.887	50
120	5600	30.007	31.059	30.395	50
144	5720	31.104	31.198	**32.007**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11n (HT40)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.754	0.74	1.494	5
46	5230	0.736	0.728	1.464	5
54	5270	0.588	0.604	1.192	5
62	5310	0.627	0.618	1.245	5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.766	0.747	1.513	5
46	5230	0.728	0.695	1.423	5
54	5270	0.585	0.581	1.166	5
62	5310	0.637	0.608	1.245	5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.723	0.74	1.463	5
46	5230	0.769	0.745	**1.514**	5
54	5270	0.569	0.63	1.199	5
62	5310	0.652	0.594	**1.246**	5
Rated power		W52: 1.6mW/MHz W53: 1.6mW/MHz			
Tolerance of antenna power		W52: 0.32mW/MHz ~ 1.92mW/MHz W53: 0.32mW/MHz ~ 1.92mW/MHz			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
38	5190	4.409	4.465	4.318	5
46	5230	4.321	4.2	**4.468**	5
54	5270	4.429	4.332	4.455	5
62	5310	4.626	4.626	**4.629**	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:

802.11n (HT40)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.178	2.281	4.459	5
118	5590	2.099	2.334	4.433	5
142	5710	2.134	2.394	4.528	5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.208	2.345	**4.553**	5
118	5590	2.042	2.276	4.318	5
142	5710	2.124	2.334	4.458	5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.143	2.297	4.44	5
118	5590	2.037	2.329	4.366	5
142	5710	2.124	2.302	4.426	5
Rated power		5mW/MHz			
Tolerance of antenna power		2.5mW/MHz ~ 7.5mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
102	5510	14.429	**14.733**	14.368	25
118	5590	14.345	13.973	14.128	25
142	5710	14.652	14.426	14.322	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ac (VHT80)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.379	0.367	**0.746**	2.5
58	5290	0.308	0.302	0.61	2.5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.371	0.373	0.744	2.5
58	5290	0.313	0.313	**0.626**	2.5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.386	0.359	0.745	2.5
58	5290	0.307	0.295	0.602	2.5
Rated power		W52: 0.8mW/MHz W53: 0.8mW/MHz			
Tolerance of antenna power		W52: 0.16mW/MHz ~ 0.96mW/MHz W53: 0.16mW/MHz ~ 0.96mW/MHz			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
42	5210	**2.202**	2.196	2.199	2.5
58	5290	2.266	**2.326**	2.237	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands:

802.11ac (VHT80)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.092	1.146	2.238	2.5
122	5610	1.13	1.181	2.311	2.5
138	5690	1.133	1.156	2.289	2.5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.047	1.122	2.169	2.5
122	5610	1.082	1.216	2.298	2.5
138	5690	1.094	1.146	2.24	2.5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.055	1.164	2.219	2.5
122	5610	1.175	1.17	2.345	2.5
138	5690	1.183	1.189	**2.372**	2.5
Rated power		2.5mW/MHz			
Tolerance of antenna power		1.25mW/MHz ~ 3.75mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
106	5530	7.242	7.019	7.181	12.5
122	5610	7.478	7.436	7.588	12.5
138	5690	7.407	7.248	**7.676**	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ac (VHT160)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.15	0.145	0.295	1.25
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.15	0.139	0.289	1.25
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.154	0.149	**0.303**	1.25
Rated power		0.3125mW/MHz			
Tolerance of antenna power		0.0625mW/MHz ~ 0.375mW/MHz			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
50	5250	1.096	1.074	**1.126**	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands:

802.11ac (VHT160)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.54	0.507	1.047	1.25
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.546	0.514	1.06	1.25
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.551	0.515	**1.066**	1.25
Rated power		1.25mW/MHz			
Tolerance of antenna power		0.625mW/MHz ~ 1.875mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
114	5570	3.388	3.43	**3.45**	6.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ax (HE20)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.493	1.452	2.945	10
48	5240	1.56	1.452	3.012	10
52	5260	1.283	1.2	2.483	10
64	5320	1.172	1.181	2.353	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.538	1.503	**3.041**	10
48	5240	1.622	1.416	3.038	10
52	5260	1.251	1.183	2.434	10
64	5320	1.219	1.148	2.367	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.507	1.507	3.014	10
48	5240	1.6	1.39	2.99	10
52	5260	1.3	1.236	**2.536**	10
64	5320	1.189	1.222	2.411	10
Rated power		**W52: 3.2mW/MHz** **W53: 3.2mW/MHz**			
Tolerance of antenna power		**W52: 0.64mW ~ 3.84mW** **W53: 0.64mW ~ 3.84mW**			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
36	5180	8.691	**8.975**	8.895	10
48	5240	8.889	8.966	8.824	10
52	5260	9.225	9.043	**9.422**	10
64	5320	8.742	8.794	8.958	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:
802.11ax (HE20)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.417	4.668	9.085	10
120	5600	4.678	5.025	9.703	10
144	5720	4.754	5.094	**9.848**	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.356	4.678	9.034	10
120	5600	4.572	5.201	9.773	10
144	5720	4.798	5.036	9.834	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.488	4.722	9.21	10
120	5600	4.551	4.832	9.383	10
144	5720	4.821	4.899	9.72	10
Rated power		10mW/MHz			
Tolerance of antenna power		5mW ~ 15mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
100	5500	29.398	29.233	29.803	50
120	5600	31.398	31.625	30.363	50
144	5720	**31.868**	31.822	31.453	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ax (HE40)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.778	0.73	**1.508**	5
46	5230	0.755	0.708	1.463	5
54	5270	0.6	0.627	1.227	5
62	5310	0.611	0.617	1.228	5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.771	0.702	1.473	5
46	5230	0.736	0.72	1.456	5
54	5270	0.59	0.627	1.217	5
62	5310	0.593	0.594	1.187	5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
38	5190	0.755	0.738	1.493	5
46	5230	0.733	0.698	1.431	5
54	5270	0.574	0.599	1.173	5
62	5310	0.59	0.641	**1.231**	5
Rated power		**W52: 1.6mW/MHz** **W53: 1.6mW/MHz**			
Tolerance of antenna power		**W52: 0.32mW/MHz ~ 1.92mW/MHz** **W53: 0.32mW/MHz ~ 1.92mW/MHz**			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
38	5190	**4.45**	4.347	4.406	5
46	5230	4.318	4.297	4.223	5
54	5270	4.559	4.522	4.358	5
62	5310	4.562	4.41	**4.574**	5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:

802.11ax (HE40)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.134	2.229	4.363	5
118	5590	2.26	2.244	4.504	5
142	5710	2.208	2.388	4.596	5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.129	2.234	4.363	5
118	5590	2.26	2.203	4.463	5
142	5710	2.297	2.444	**4.741**	5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
102	5510	2.047	2.198	4.245	5
118	5590	2.334	2.183	4.517	5
142	5710	2.183	2.399	4.582	5
Rated power		5mW/MHz			
Tolerance of antenna power		2.5mW/MHz ~ 7.5mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
102	5510	14.118	14.118	13.737	25
118	5590	14.575	14.442	14.617	25
142	5710	14.872	**15.342**	14.827	25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ax (HE80)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.376	0.37	0.746	2.5
58	5290	0.316	0.32	0.636	2.5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.393	0.374	**0.767**	2.5
58	5290	0.311	0.322	0.633	2.5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
42	5210	0.379	0.359	0.738	2.5
58	5290	0.325	0.314	**0.639**	2.5
Rated power		W52: 0.8mW/MHz W53: 0.8mW/MHz			
Tolerance of antenna power		W52: 0.16mW/MHz ~ 0.96mW/MHz W53: 0.16mW/MHz ~ 0.96mW/MHz			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
42	5210	2.202	**2.264**	2.178	2.5
58	5290	2.363	2.352	**2.374**	2.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands:

802.11ax (HE80)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.074	1.164	2.238	2.5
122	5610	1.104	1.17	2.274	2.5
138	5690	1.099	1.181	2.28	2.5
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.102	1.211	**2.313**	2.5
122	5610	1.156	1.13	2.286	2.5
138	5690	1.092	1.162	2.254	2.5
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
106	5530	1.074	1.167	2.241	2.5
122	5610	1.092	1.219	2.311	2.5
138	5690	1.067	1.211	2.278	2.5
Rated power		2.5mW/MHz			
Tolerance of antenna power		1.25mW/MHz ~ 3.75mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
106	5530	7.242	**7.485**	7.252	12.5
122	5610	7.359	7.397	7.478	12.5
138	5690	7.378	7.294	7.371	12.5

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

802.11ax (HE160)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.152	0.143	0.295	1.25
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.151	0.146	**0.297**	1.25
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
50	5250	0.148	0.146	0.294	1.25
Rated power		0.3125mW/MHz			
Tolerance of antenna power		0.0625mW/MHz ~ 0.375mW/MHz			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
50	5250	1.096	**1.103**	1.092	1.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 bands:

802.11ax (HE160)

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.529	0.524	1.053	1.25
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.546	0.523	**1.069**	1.25
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
114	5570	0.526	0.505	1.031	1.25
Rated power		1.25mW/MHz			
Tolerance of antenna power		0.625mW/MHz ~ 1.875mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
114	5570	3.407	**3.459**	3.336	6.25

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

20MHz Preamble

SISO

W52 and W53 bands: RU26

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	2.905	3.042	2.78	10
48	5240	2.959	3.014	**3.049**	10
52	5260	**3.35**	3.229	3.237	10
64	5320	3.289	3.229	3.282	10
Rated Power		W52: 3.1 mW W53: 3.1 mW			
Tolerance of Antenna Power		W52: 0.62 ~ 3.72 mW W53: 0.62 ~ 3.72 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.573	8.978	8.204	10
48	5240	8.733	8.895	**8.998**	10
52	5260	**9.017**	8.691	8.712	10
64	5320	8.852	8.691	8.834	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU26

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	8.853	8.592	9.038	10
120	5600	8.956	8.853	8.772	10
144	5720	**9.27**	9.185	9.08	10
Rated Power		9 mW			
Tolerance of Antenna Power		4.5 ~ 13.5 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	27.996	27.17	28.581	50
120	5600	28.321	27.996	27.739	50
144	5720	**29.314**	29.046	28.713	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: RU26

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	**3.237**	3.12	3.17	10
48	5240	3.098	3.222	3.148	10
52	5260	2.345	2.377	2.416	10
64	5320	**2.427**	2.329	2.361	10
Rated Power		W52: 3.3 mW W53: 3.3 mW			
Tolerance of Antenna Power		W52: 0.66 ~ 3.96 mW W53: 0.66 ~ 3.96 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	**9.123**	8.793	8.934	10
48	5240	8.731	9.081	8.872	10
52	5260	8.713	8.831	8.976	10
64	5320	**9.017**	8.653	8.772	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU26

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	8.792	8.572	8.997	10
120	5600	9.356	9.378	9.399	10
144	5720	9.313	9.313	**9.663**	10
Rated Power		10 mW			
Tolerance of Antenna Power		5 ~ 15 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	28.45	27.738	29.114	50
120	5600	30.275	30.347	30.415	50
144	5720	30.136	30.136	**31.269**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: RU52

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.084	**3.229**	2.952	10
48	5240	3.049	3.105	3.141	10
52	5260	3.327	3.207	3.214	10
64	5320	**3.413**	3.35	3.405	10
Rated Power		W52: 3.3 mW W53: 3.3 mW			
Tolerance of Antenna Power		W52: 0.66~ 3.96 mW W53: 0.66 ~ 3.96 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	9.102	**9.529**	8.712	10
48	5240	8.998	9.164	9.27	10
52	5260	8.955	8.632	8.651	10
64	5320	**9.186**	9.017	9.165	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU52

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	8.833	8.572	9.018	10
120	5600	**9.574**	9.464	9.378	10
144	5720	9.08	8.997	8.894	10
Rated Power		10 mW			
Tolerance of Antenna Power		5 ~ 15 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	27.932	27.107	28.517	50
120	5600	**30.276**	29.928	29.656	50
144	5720	28.713	28.451	28.125	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: RU52

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.229	3.112	3.163	10
48	5240	3.112	**3.237**	3.163	10
52	5260	2.444	2.478	**2.518**	10
64	5320	2.478	2.377	2.41	10
Rated Power		W52: 3.3 mW W53: 3.3 mW			
Tolerance of Antenna Power		W52: 0.66 ~ 3.96 mW W53: 0.66 ~ 3.96 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	9.101	8.771	8.915	10
48	5240	8.771	**9.123**	8.915	10
52	5260	9.08	9.207	**9.355**	10
64	5320	9.207	8.831	8.954	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU52

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	9.399	9.164	**9.618**	10
120	5600	9.421	9.443	9.464	10
144	5720	8.612	8.612	8.935	10
Rated Power		10 mW			
Tolerance of Antenna Power		5 ~ 15 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	30.415	29.654	**31.123**	50
120	5600	30.486	30.557	30.625	50
144	5720	27.868	27.868	28.913	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: RU106

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	2.938	**3.077**	2.813	10
48	5240	2.952	3.007	3.042	10
52	5260	**3.389**	3.267	3.274	10
64	5320	3.366	3.304	3.141	10
Rated Power		W52: 3.1 mW W53: 3.1 mW			
Tolerance of Antenna Power		W52: 0.62 ~ 3.72 mW W53: 0.62 ~ 3.72 mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 4.3 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.671	**9.081**	8.302	10
48	5240	8.712	8.874	8.978	10
52	5260	**9.122**	8.793	8.812	10
64	5320	9.06	8.893	9.038	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU106

Chain A

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	9.228	8.956	**9.421**	10
120	5600	9.101	8.997	8.914	10
144	5720	9.038	8.956	8.853	10
Rated Power		10 mW			
Tolerance of Antenna Power		5 ~ 15 mW			

PIFA antenna with 5.0 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	29.181	28.321	**29.792**	50
120	5600	28.78	28.451	28.189	50
144	5720	28.581	28.321	27.996	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands: RU106

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	3.192	3.077	3.127	10
48	5240	3.134	**3.259**	3.185	10
52	5260	2.41	2.444	**2.484**	10
64	5320	2.444	2.345	2.377	10
Rated Power		W52: 3.3 mW W53: 3.3 mW			
Tolerance of Antenna Power		W52: 0.66 ~ 3.96 mW W53: 0.66 ~ 3.96 mW			

W52: PIFA antenna with 4.5 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
36	5180	8.996	8.672	8.813	10
48	5240	8.833	**9.185**	8.977	10
52	5260	8.954	9.08	**9.229**	10
64	5320	9.08	8.713	8.831	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band: RU106

Chain B

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Conducted RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	9.185	8.956	**9.399**	10
120	5600	9.185	9.207	9.228	10
144	5720	8.692	8.692	9.018	10
Rated Power		9 mW			
Tolerance of Antenna Power		4.5 ~ 13.5 mW			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60 % RH			
Test Condition		Radiated RF Output Power Density (mW/MHz)			
Channel Number	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$	Max. Limit (mW/MHz)
100	5500	29.722	28.981	**30.415**	50
120	5600	29.722	29.793	29.861	50
144	5720	28.127	28.127	29.182	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

MIMO

W52 and W53 bands:

RU26

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.466	1.542	3.008	10
48	5240	1.5	1.486	2.986	10
52	5260	1.256	1.146	2.402	10
64	5320	1.268	1.239	**2.507**	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.535	1.486	3.021	10
48	5240	1.528	1.546	**3.074**	10
52	5260	1.211	1.162	2.373	10
64	5320	1.245	1.189	2.434	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.403	1.51	2.913	10
48	5240	1.546	1.51	3.056	10
52	5260	1.214	1.181	2.395	10
64	5320	1.265	1.205	2.47	10
Rated power		W52: 3.1mW/MHz W53: 3.1mW/MHz			
Tolerance of antenna power		W52: 0.62mW ~ 3.72mW W53: 0.62mW ~ 3.72mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
36	5180	8.877	8.916	8.597	10
48	5240	8.812	**9.072**	9.019	10
52	5260	8.924	8.817	8.898	10
64	5320	**9.314**	9.043	9.177	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:
RU26

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.356	4.336	8.692	10
120	5600	4.417	4.614	9.031	10
144	5720	4.561	4.561	9.122	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.228	4.228	8.456	10
120	5600	4.366	4.625	8.991	10
144	5720	4.52	4.561	9.081	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.447	4.437	8.884	10
120	5600	4.326	4.635	8.961	10
144	5720	4.468	4.733	**9.201**	10
Rated power		10mW/MHz			
Tolerance of antenna power		5mW ~ 15mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
100	5500	28.127	27.363	28.748	50
120	5600	29.224	29.094	28.997	50
144	5720	29.518	29.386	**29.774**	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

RU52

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.524	1.531	3.055	10
48	5240	1.507	1.51	3.017	10
52	5260	1.442	1.154	2.596	10
64	5320	1.473	1.14	**2.613**	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.596	1.476	3.072	10
48	5240	1.535	1.571	**3.106**	10
52	5260	1.39	1.17	2.56	10
64	5320	1.446	1.094	2.54	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.459	1.5	2.959	10
48	5240	1.553	1.535	3.088	10
52	5260	1.393	1.189	2.582	10
64	5320	1.469	1.109	2.578	10
Rated power		W52: 3.2mW/MHz W53: 3.2mW/MHz			
Tolerance of antenna power		W52: 0.64mW ~ 3.84mW W53: 0.64mW ~ 3.84mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
36	5180	9.016	9.066	8.733	10
48	5240	8.904	**9.166**	9.113	10
52	5260	9.645	9.511	9.593	10
64	5320	**9.708**	9.437	9.578	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:
RU52

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.237	4.625	8.862	10
120	5600	4.754	4.678	**9.432**	10
144	5720	4.488	4.247	8.735	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.112	4.509	8.621	10
120	5600	4.7	4.689	9.389	10
144	5720	4.447	4.247	8.694	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.326	4.733	9.059	10
120	5600	4.657	4.7	9.357	10
144	5720	4.396	4.407	8.803	10
Rated power		10mW/MHz			
Tolerance of antenna power		5mW ~ 15mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
100	5500	28.677	27.897	29.314	50
120	5600	**30.521**	30.382	30.279	50
144	5720	28.266	28.133	28.486	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W52 and W53 bands:

RU106

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.371	1.6	2.971	10
48	5240	1.419	1.56	2.979	10
52	5260	1.384	1.099	2.483	10
64	5320	1.4	1.197	**2.597**	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.436	1.542	2.978	10
48	5240	1.446	1.622	**3.068**	10
52	5260	1.334	1.115	2.449	10
64	5320	1.374	1.148	2.522	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
36	5180	1.312	1.567	2.879	10
48	5240	1.462	1.585	3.047	10
52	5260	1.337	1.133	2.47	10
64	5320	1.397	1.164	2.561	10
Rated power		W52: 3.1mW/MHz W53: 3.1mW/MHz			
Tolerance of antenna power		W52: 0.62mW ~ 3.72mW W53: 0.62mW ~ 3.72mW			

W52: PIFA antenna with 4.7 dBi gain

W53: PIFA antenna with 5.7 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
36	5180	8.768	8.789	8.497	10
48	5240	8.792	**9.054**	8.992	10
52	5260	9.225	9.099	9.177	10
64	5320	**9.649**	9.37	9.515	10

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

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

W56 band:
RU106

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Conducted RF Output Power Density (mW/MHz)			
		Normal Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.593	4.561	9.154	10
120	5600	4.561	4.646	9.207	10
144	5720	4.356	4.326	8.682	10
Channel Number	Frequency (MHz)	Max. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.458	4.447	8.905	10
120	5600	4.509	4.657	9.166	10
144	5720	4.316	4.326	8.642	10
Channel Number	Frequency (MHz)	Min. Voltage			Max. Limit (mW/MHz)
		Chain A	Chain B	Total	
100	5500	4.689	4.668	**9.357**	10
120	5600	4.468	4.668	9.136	10
144	5720	4.267	4.488	8.755	10
Rated power		10mW/MHz			
Tolerance of antenna power		5mW ~ 15mW/MHz			

PIFA antenna with 5.1 dBi gain

Environmental Conditions		25 deg.C, 60% RH			
Channel Number	Frequency (MHz)	Radiated RF Output Power Density(mW/MHz)			
		Normal Voltage	Max. Voltage	Min. Voltage	Max. Limit (mW/MHz)
		100.0Vac	110Vac	90Vac	
100	5500	29.622	28.816	**30.279**	50
120	5600	29.793	29.661	29.564	50
144	5720	28.094	27.965	28.331	50

Note: 1. The radiated RF output power density is a “calculated” value derived from the conducted value.

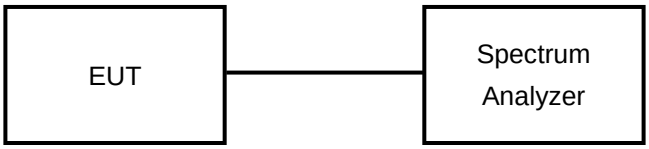
2. Formula: Radiated RF output power density = Conducted RF output power density + Antenna Gain.

4.6 Spurious Emission for Receiver

4.6.1 Limits of Spurious Emission for Receiver

Frequencies (MHz)	Limit
Below 1 GHz	≦4 nW (-54 dBm)
Above 1 GHz	≦20 nW (-47 dBm)

4.6.2 Test Setup



4.6.3 Test Result

W52, W53 & W56 bands:

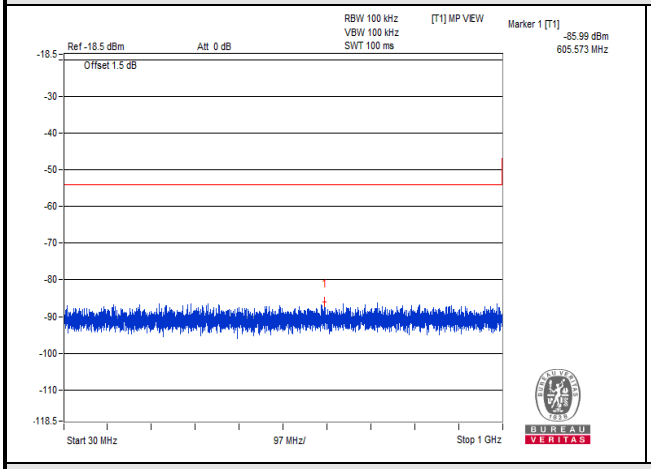
802.11a / 802.11n (HT20)

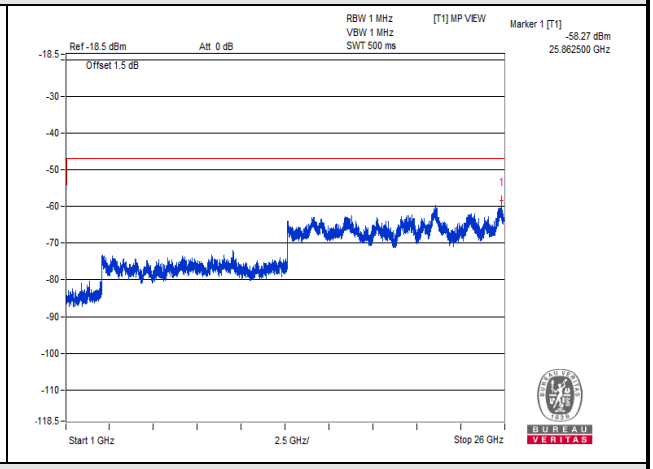
Chain A

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	605.573	0.002518	4.0	PASS
	1000.0 to 26000.0	25862.500	1.489361	20.0	PASS
$V_{max.}$	30.0 to 1000.0	924.461	0.002748	4.0	PASS
	1000.0 to 26000.0	21968.750	1.018591	20.0	PASS
$V_{min.}$	30.0 to 1000.0	445.160	0.002673	4.0	PASS
	1000.0 to 26000.0	25737.500	1.210598	20.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	974.052	0.002393	4.0	PASS
	1000.0 to 26000.0	25903.125	1.169499	20.0	PASS
$V_{max.}$	30.0 to 1000.0	882.145	0.002938	4.0	PASS
	1000.0 to 26000.0	25862.500	1.221800	20.0	PASS
$V_{min.}$	30.0 to 1000.0	606.665	0.002818	4.0	PASS
	1000.0 to 26000.0	22112.500	1.370882	20.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	57.402	0.002630	4.0	PASS
	1000.0 to 26000.0	25912.500	1.127197	20.0	PASS
$V_{max.}$	30.0 to 1000.0	616.001	0.002249	4.0	PASS
	1000.0 to 26000.0	22084.375	1.174898	20.0	PASS
$V_{min.}$	30.0 to 1000.0	864.927	0.002600	4.0	PASS
	1000.0 to 26000.0	22103.125	1.678804	20.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	288.141	0.002399	4.0	PASS
	1000.0 to 26000.0	21968.750	1.078947	20.0	PASS
$V_{max.}$	30.0 to 1000.0	324.637	0.002606	4.0	PASS
	1000.0 to 26000.0	22012.500	1.361445	20.0	PASS
$V_{min.}$	30.0 to 1000.0	863.593	0.003459	4.0	PASS
	1000.0 to 26000.0	21962.500	0.990832	20.0	PASS

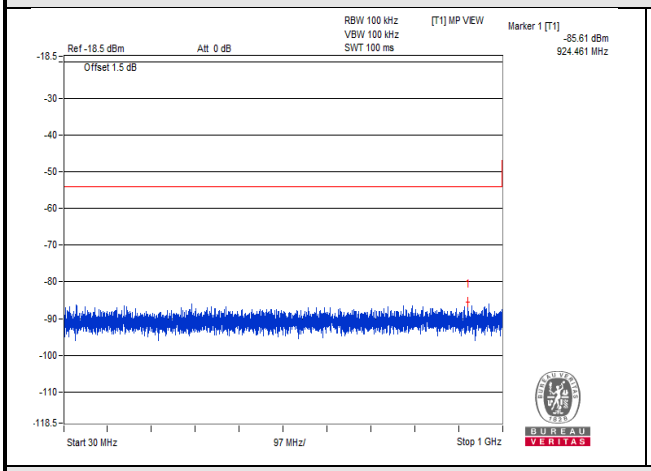
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	822.126	0.002477	4.0	PASS
	1000.0 to 26000.0	22050.000	1.091440	20.0	PASS
$V_{max.}$	30.0 to 1000.0	444.311	0.002466	4.0	PASS
	1000.0 to 26000.0	22059.375	1.273503	20.0	PASS
$V_{min.}$	30.0 to 1000.0	283.655	0.002704	4.0	PASS
	1000.0 to 26000.0	25831.250	0.997700	20.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	936.707	0.002518	4.0	PASS
	1000.0 to 26000.0	22050.000	1.380384	20.0	PASS
$V_{max.}$	30.0 to 1000.0	804.787	0.002606	4.0	PASS
	1000.0 to 26000.0	22203.125	1.013911	20.0	PASS
$V_{min.}$	30.0 to 1000.0	333.973	0.002661	4.0	PASS
	1000.0 to 26000.0	25731.250	1.422329	20.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	794.360	0.003083	4.0	PASS
	1000.0 to 26000.0	25868.750	1.158777	20.0	PASS
$V_{max.}$	30.0 to 1000.0	795.815	0.002698	4.0	PASS
	1000.0 to 26000.0	25746.875	1.303167	20.0	PASS
$V_{min.}$	30.0 to 1000.0	766.472	0.002679	4.0	PASS
	1000.0 to 26000.0	22021.875	1.073989	20.0	PASS

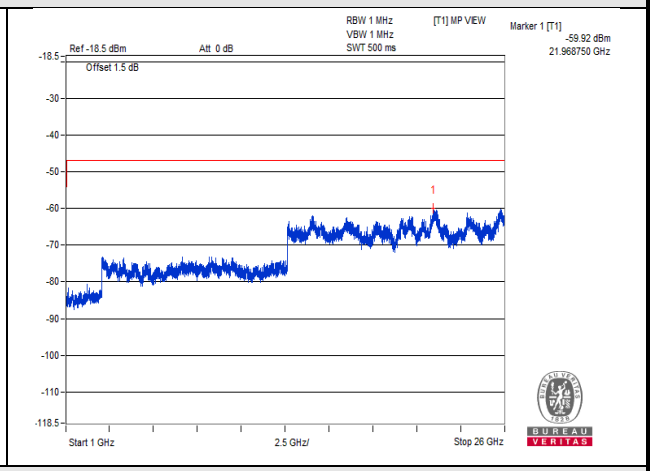
Vnormal



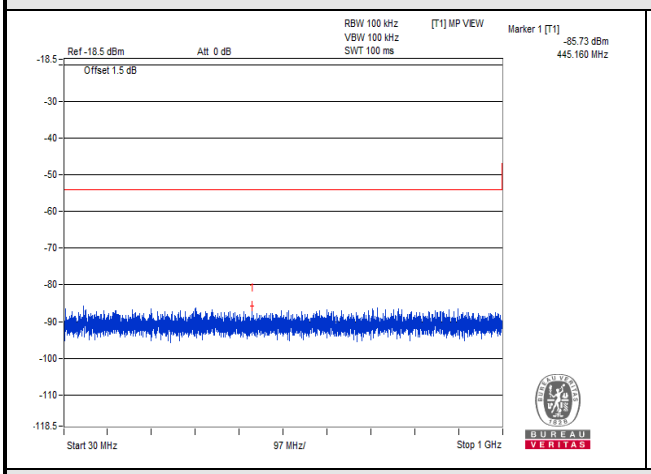


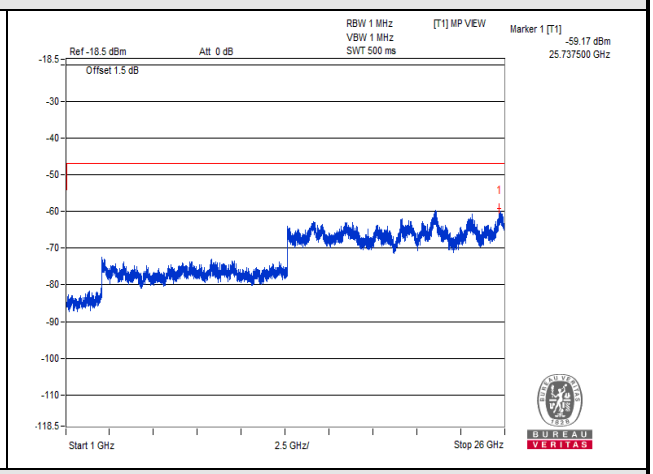
Vmax.





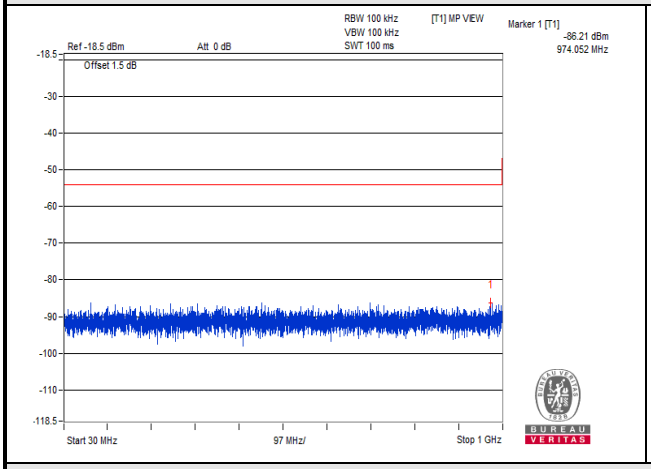
Vmin.

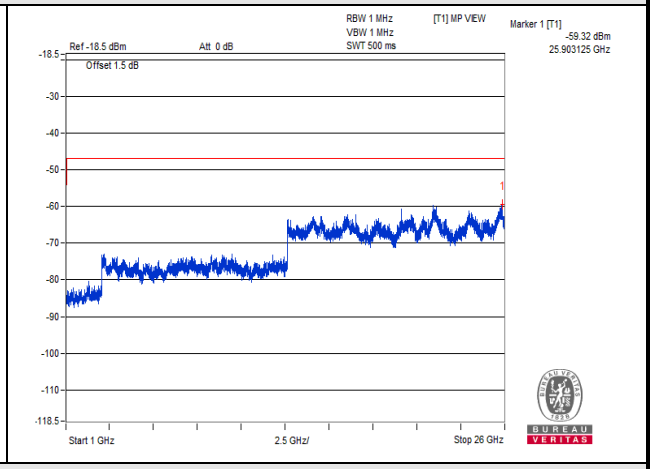




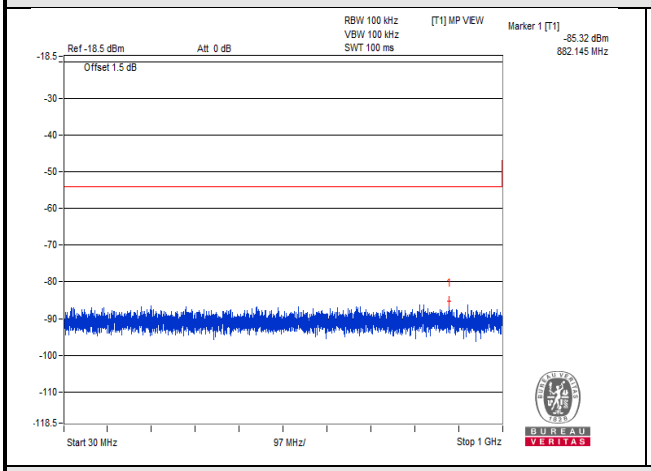
CH 36 (5180MHz)

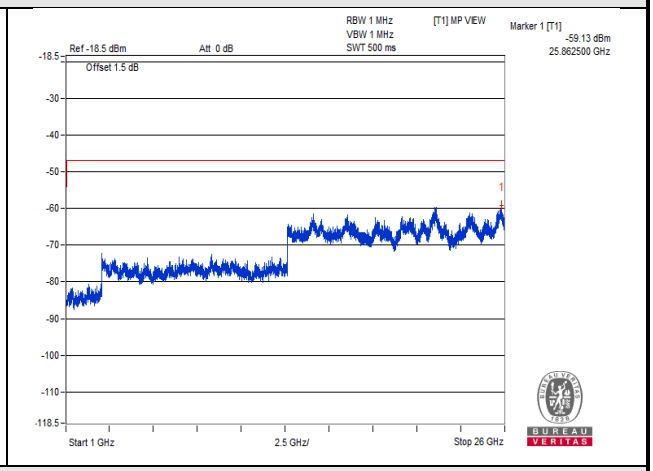
Vnormal



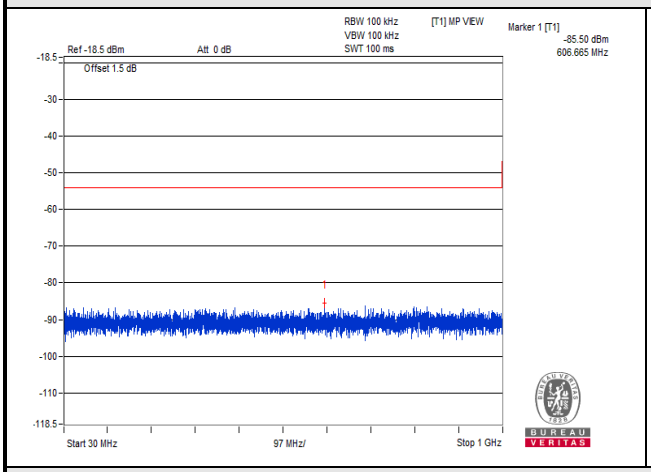


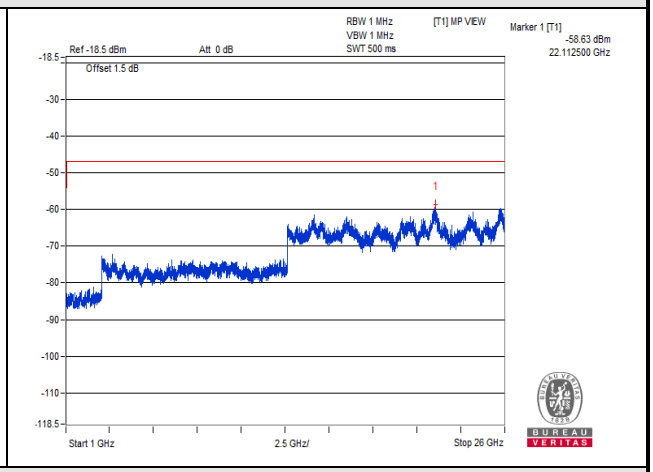
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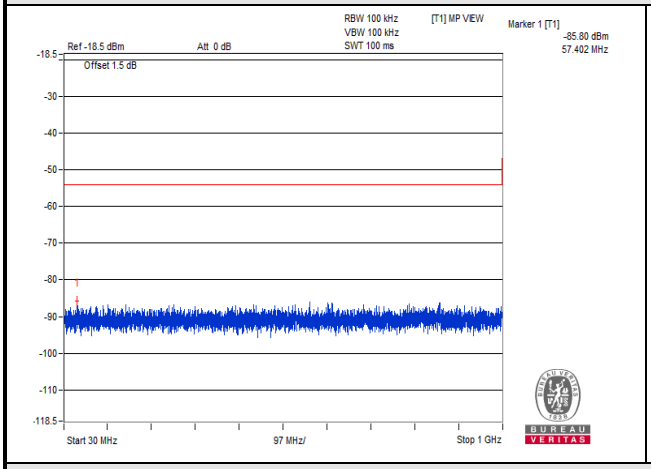
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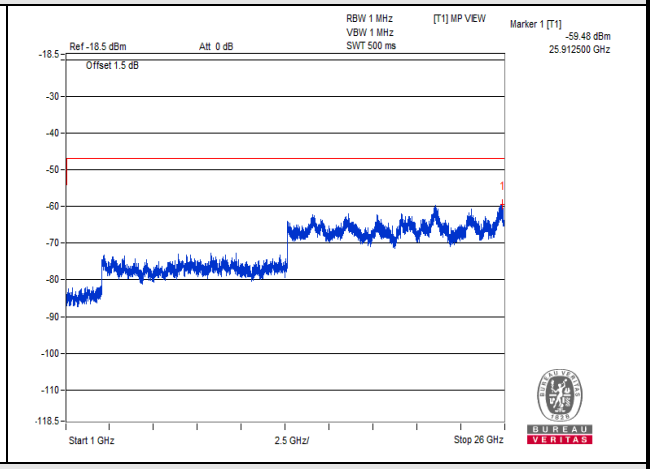




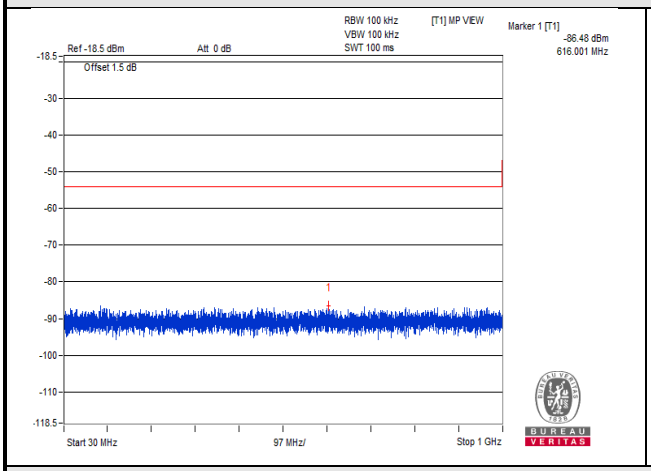
CH 48 (5240MHz)

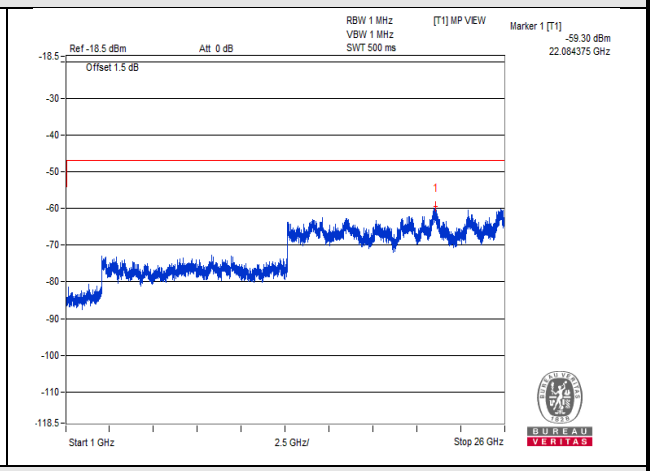
Vnormal



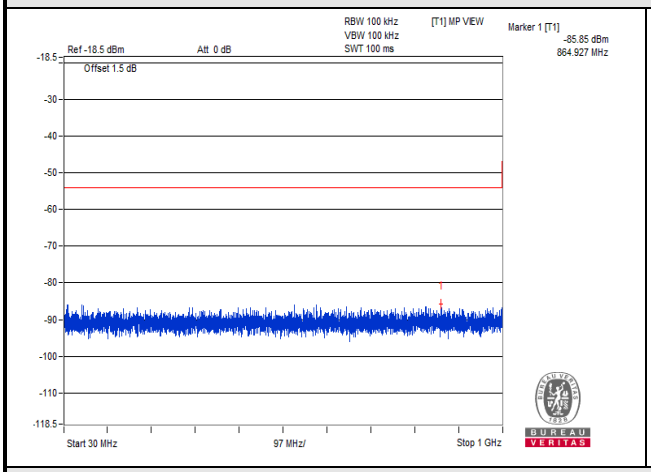


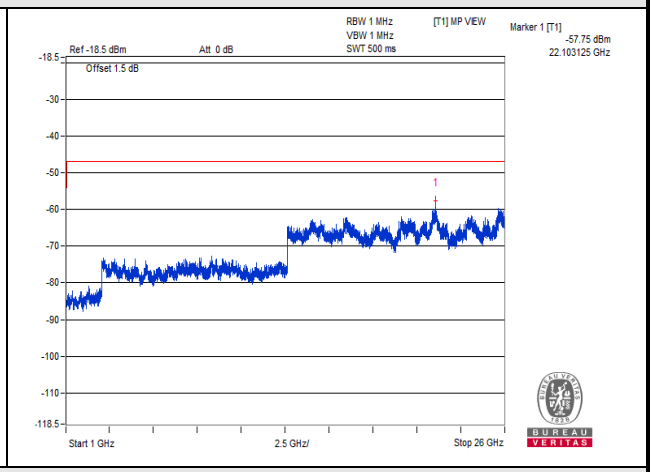
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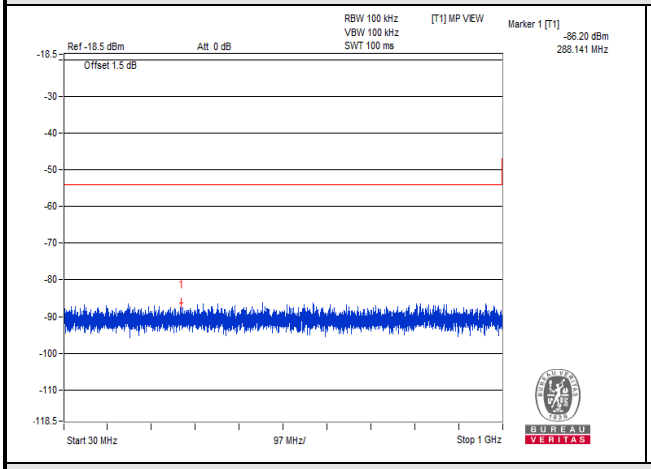
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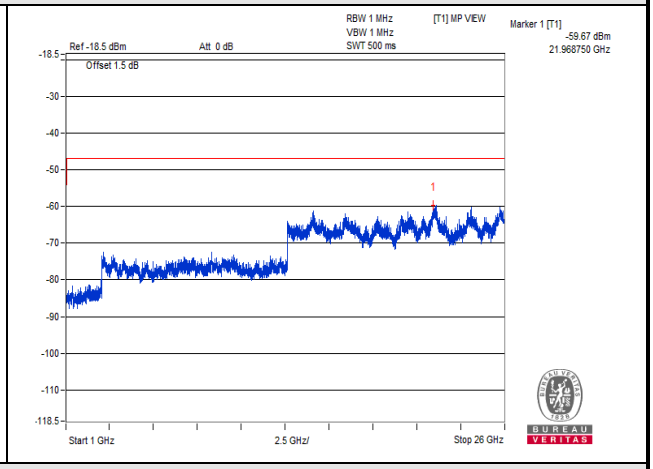




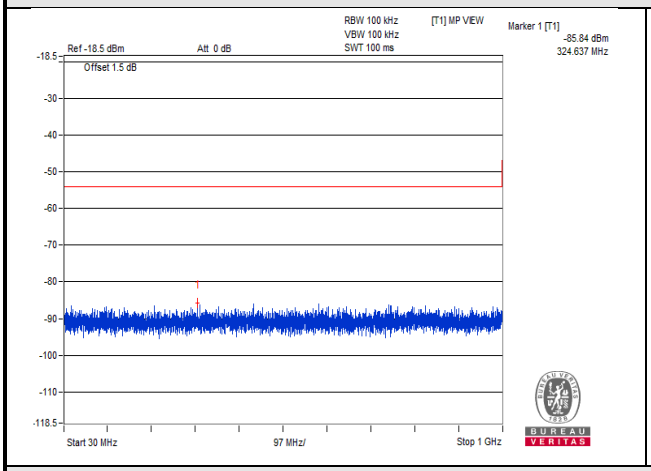
CH 52 (5260MHz)

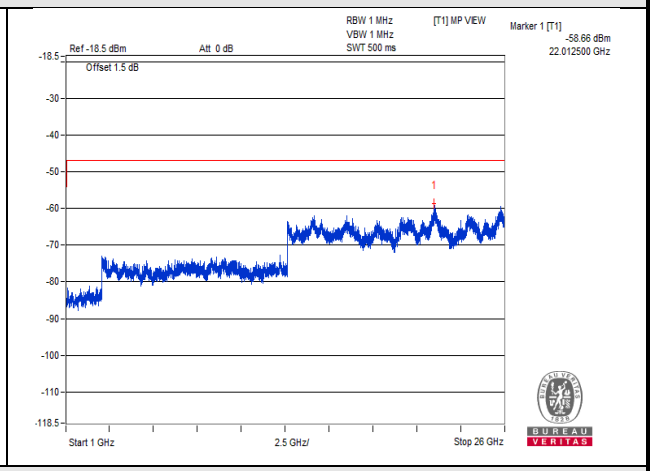
Vnormal



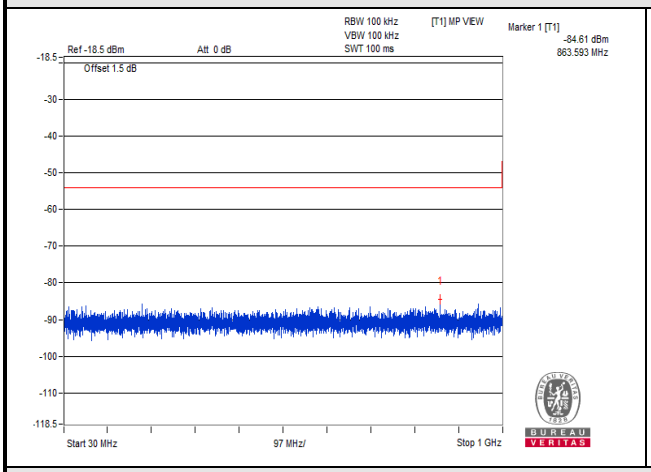


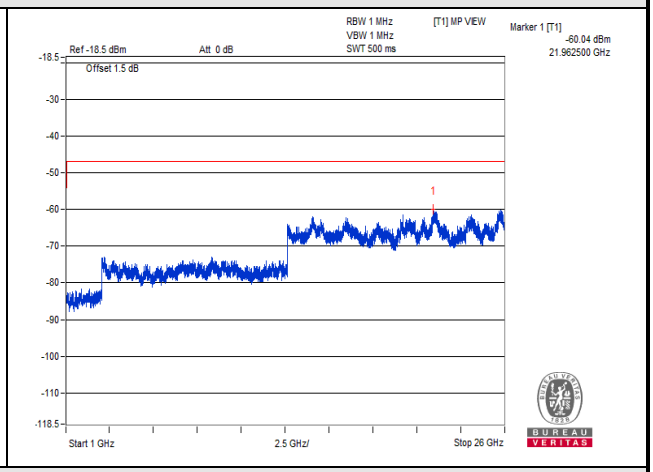
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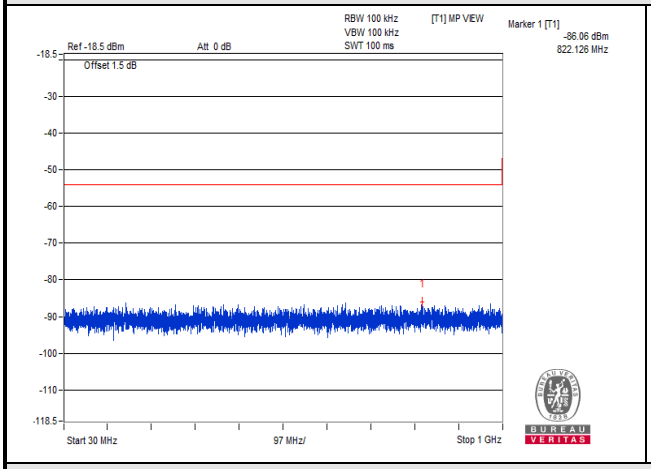
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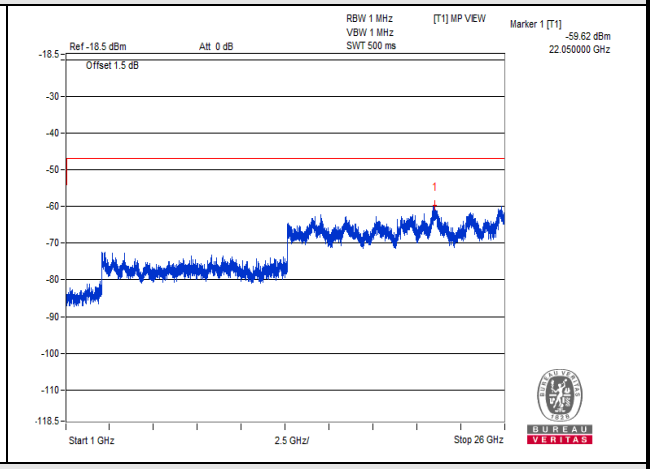




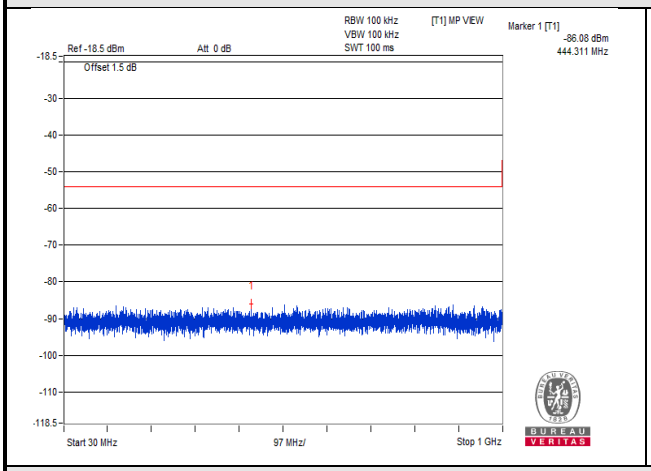
CH 64 (5320MHz)

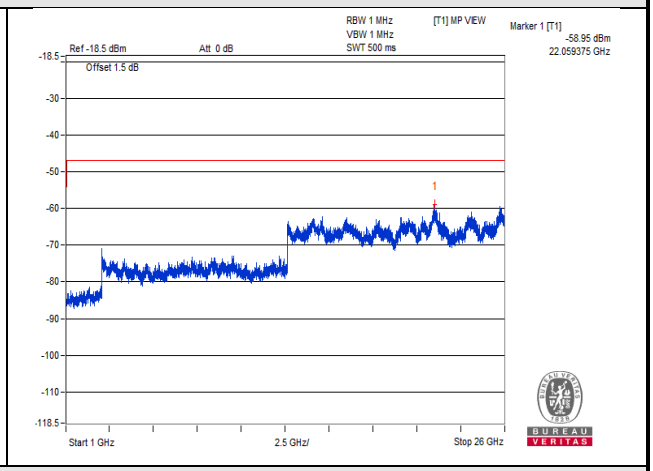
Vnormal



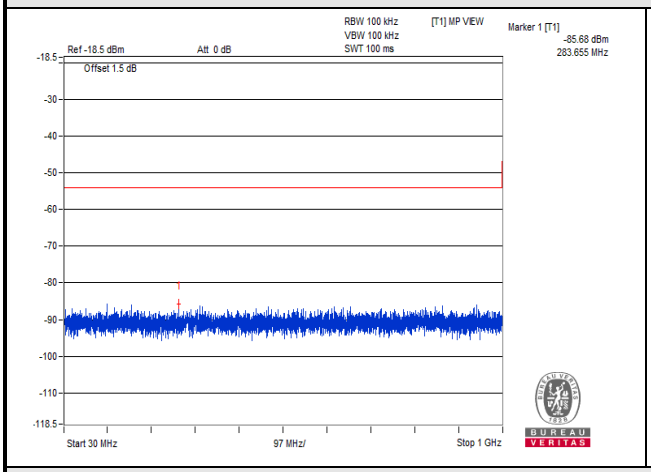


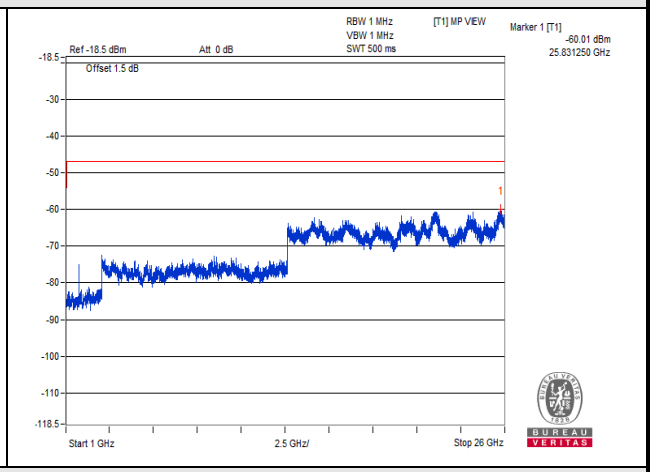
Vmax.





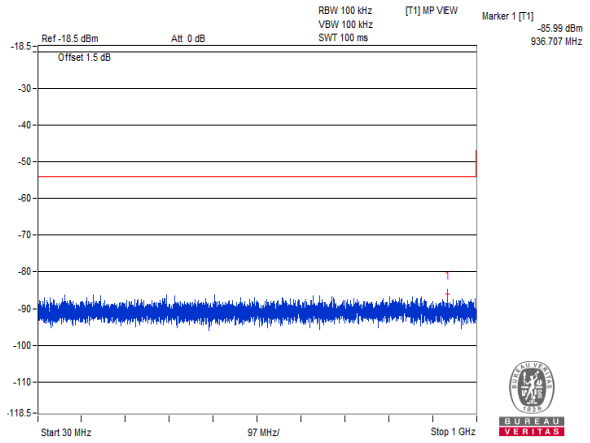
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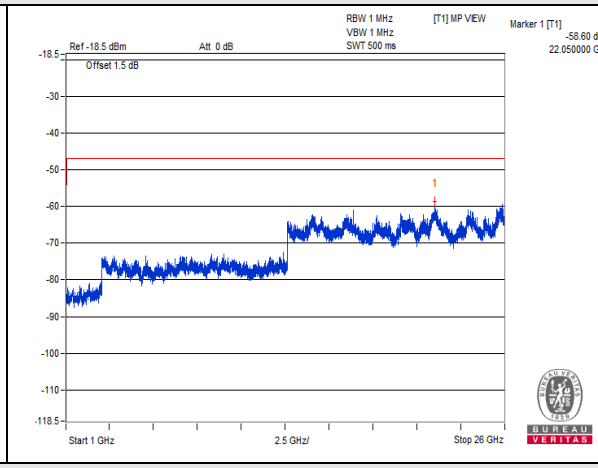




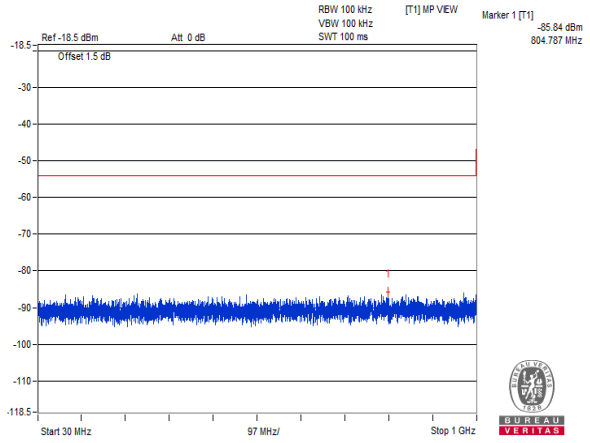
CH 100 (5500MHz)

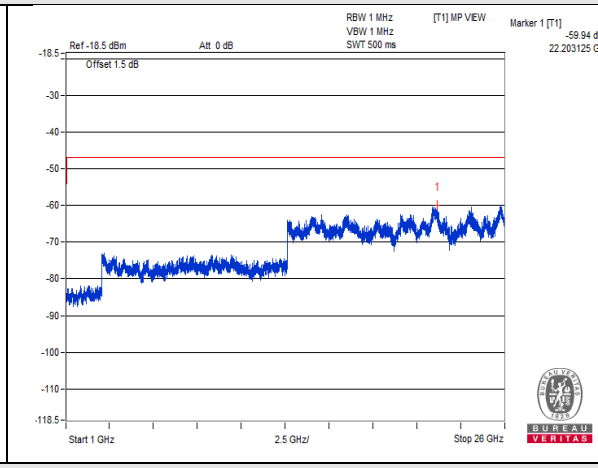
Vnormal



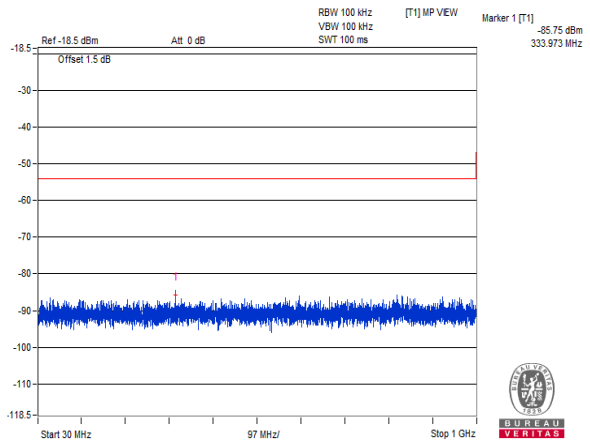


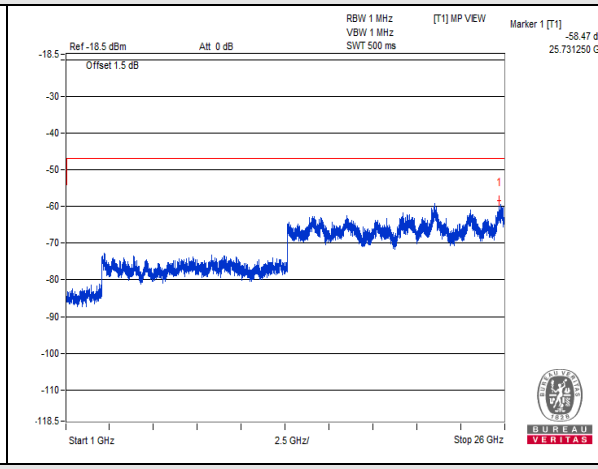
Vmax.





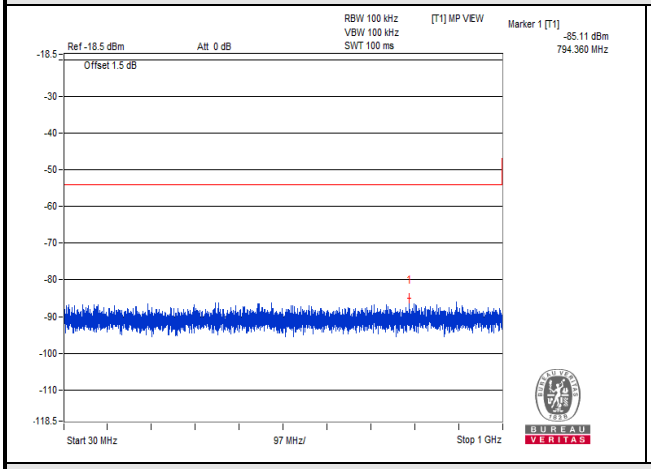
Vmin.

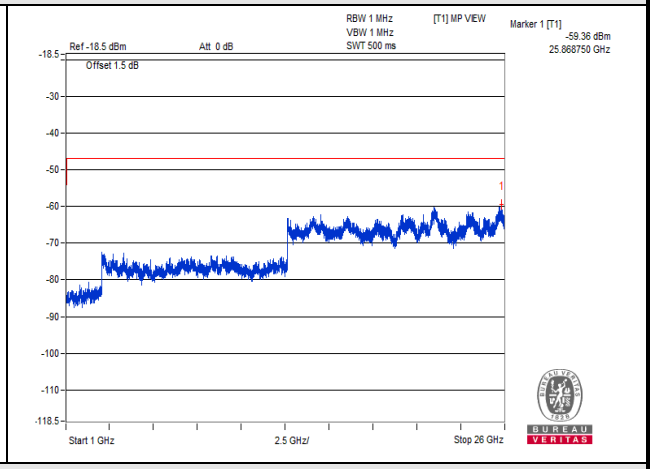




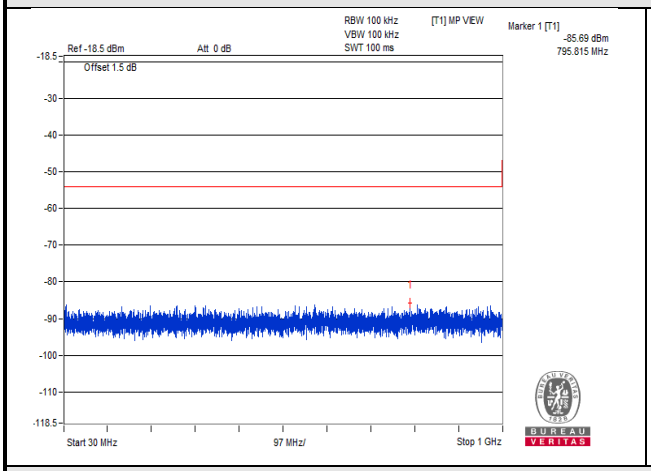
CH 120 (5600MHz)

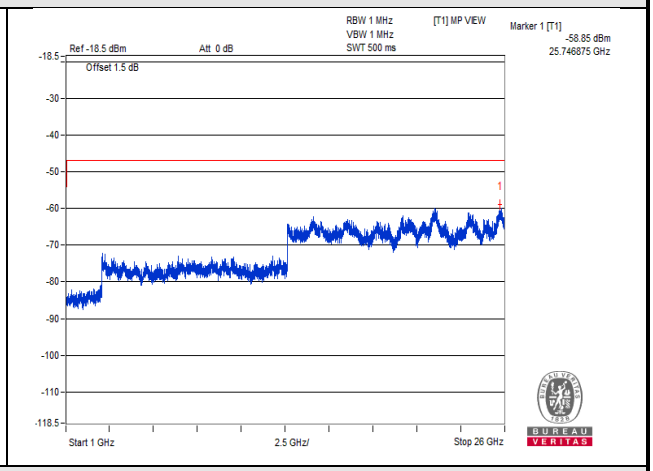
Vnormal



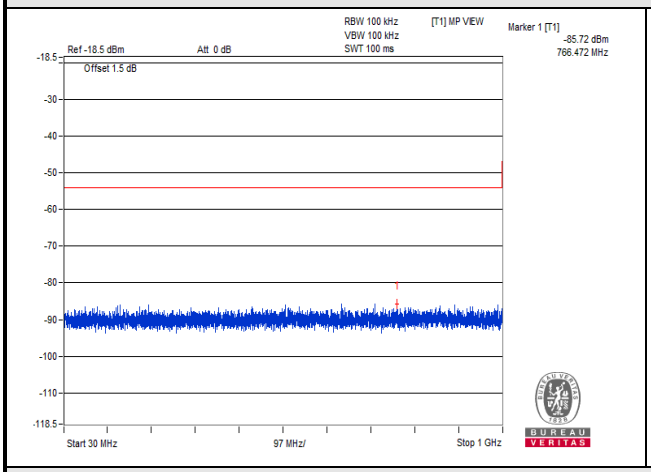


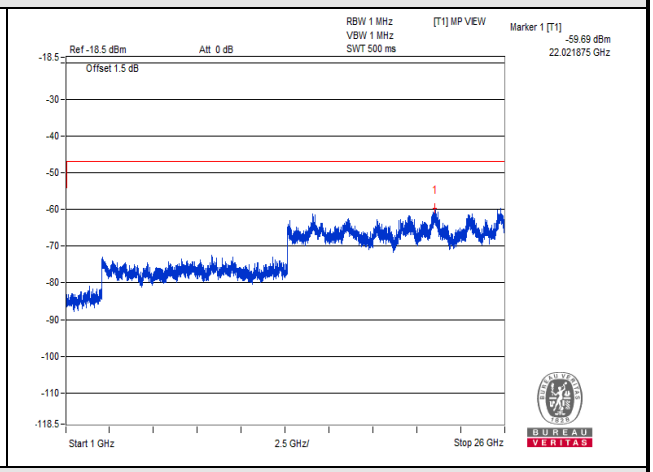
Vmax.





Vmin.





CH 144 (5720MHz)

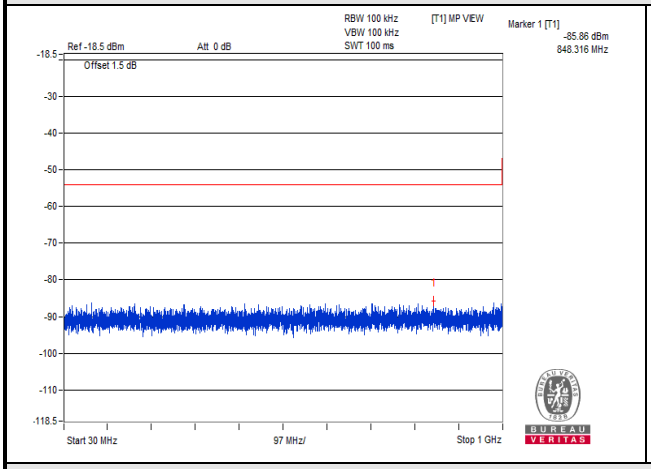
802.11n (HT40)

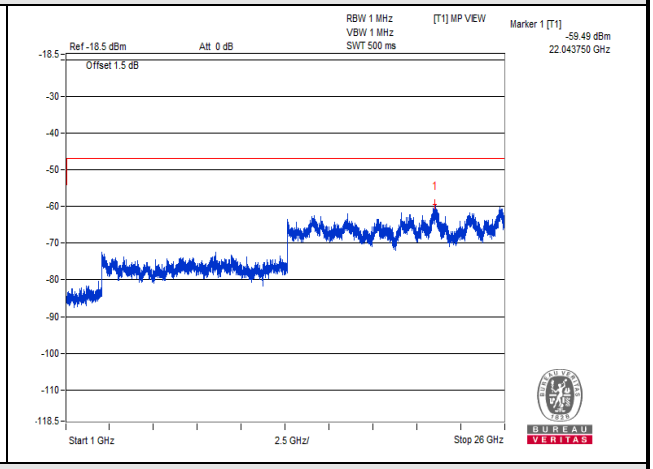
Chain A

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	848.316	0.002594	4.0	PASS
	1000.0 to 26000.0	22043.750	1.124605	20.0	PASS
$V_{max.}$	30.0 to 1000.0	463.468	0.002825	4.0	PASS
	1000.0 to 26000.0	25821.875	1.261828	20.0	PASS
$V_{min.}$	30.0 to 1000.0	360.285	0.002685	4.0	PASS
	1000.0 to 26000.0	22056.250	1.496236	20.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	670.563	0.003540	4.0	PASS
	1000.0 to 26000.0	22134.375	1.114295	20.0	PASS
$V_{max.}$	30.0 to 1000.0	583.263	0.002944	4.0	PASS
	1000.0 to 26000.0	25706.250	1.023293	20.0	PASS
$V_{min.}$	30.0 to 1000.0	717.123	0.002472	4.0	PASS
	1000.0 to 26000.0	22065.625	1.099006	20.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	171.377	0.002667	4.0	PASS
	1000.0 to 26000.0	22068.750	1.137627	20.0	PASS
$V_{max.}$	30.0 to 1000.0	581.687	0.002972	4.0	PASS
	1000.0 to 26000.0	25834.375	1.156112	20.0	PASS
$V_{min.}$	30.0 to 1000.0	84.441	0.002576	4.0	PASS
	1000.0 to 26000.0	25862.500	1.127197	20.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	746.708	0.079799	4.0	PASS
	1000.0 to 26000.0	25787.500	1.224616	20.0	PASS
$V_{max.}$	30.0 to 1000.0	838.373	0.002661	4.0	PASS
	1000.0 to 26000.0	25890.625	1.129796	20.0	PASS
$V_{min.}$	30.0 to 1000.0	60.797	0.003006	4.0	PASS
	1000.0 to 26000.0	25762.500	1.169499	20.0	PASS

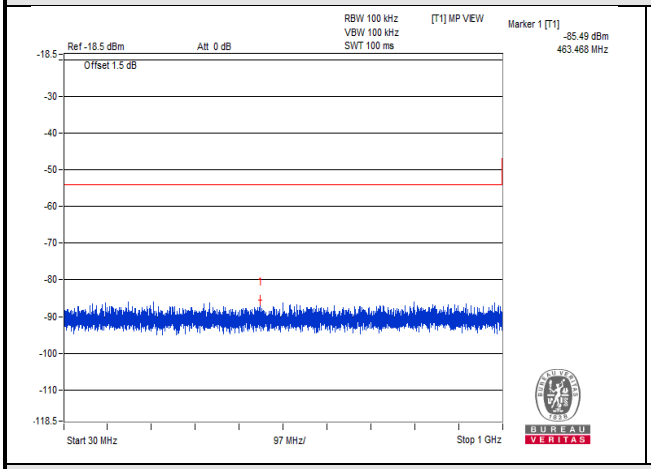
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	875.476	0.002393	4.0	PASS
	1000.0 to 26000.0	22012.500	1.099006	20.0	PASS
$V_{max.}$	30.0 to 1000.0	456.072	0.002931	4.0	PASS
	1000.0 to 26000.0	25818.750	1.312200	20.0	PASS
$V_{min.}$	30.0 to 1000.0	991.148	0.003006	4.0	PASS
	1000.0 to 26000.0	25759.375	1.158777	20.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	653.952	0.002588	4.0	PASS
	1000.0 to 26000.0	25781.250	1.258925	20.0	PASS
$V_{max.}$	30.0 to 1000.0	94.626	0.002799	4.0	PASS
	1000.0 to 26000.0	22106.250	1.104079	20.0	PASS
$V_{min.}$	30.0 to 1000.0	407.451	0.002600	4.0	PASS
	1000.0 to 26000.0	21931.250	1.018591	20.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	787.327	0.003170	4.0	PASS
	1000.0 to 26000.0	25903.125	1.096478	20.0	PASS
$V_{max.}$	30.0 to 1000.0	959.381	0.002547	4.0	PASS
	1000.0 to 26000.0	25771.875	0.993116	20.0	PASS
$V_{min.}$	30.0 to 1000.0	913.427	0.002924	4.0	PASS
	1000.0 to 26000.0	25768.750	1.333521	20.0	PASS

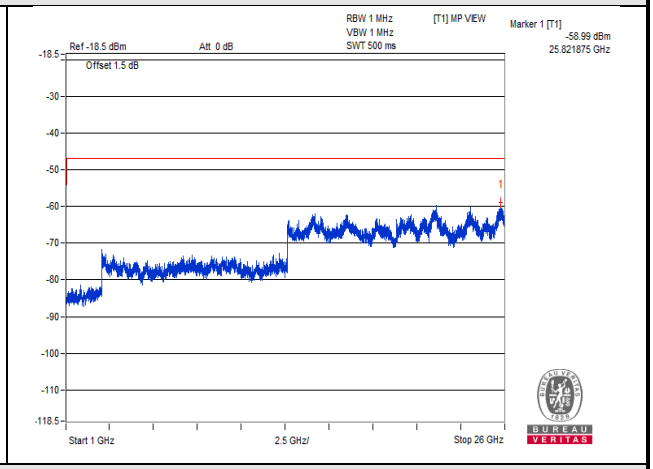
Vnormal



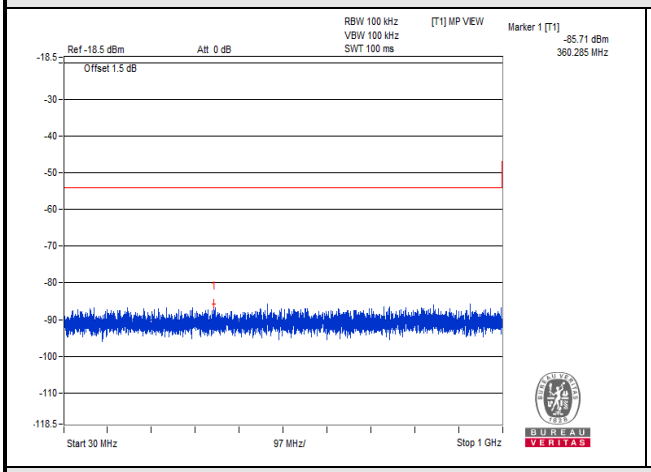


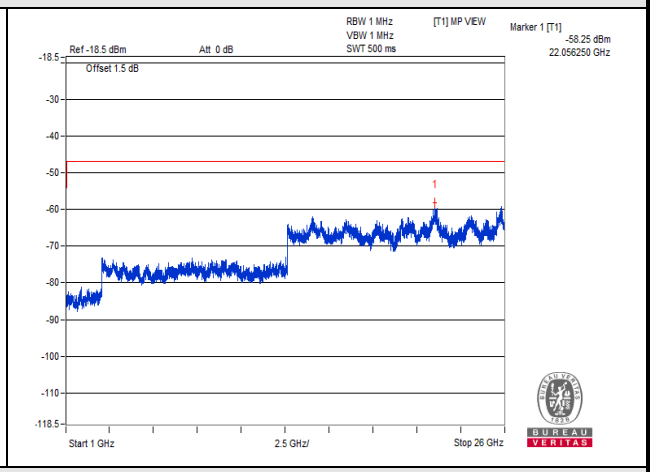
Vmax.





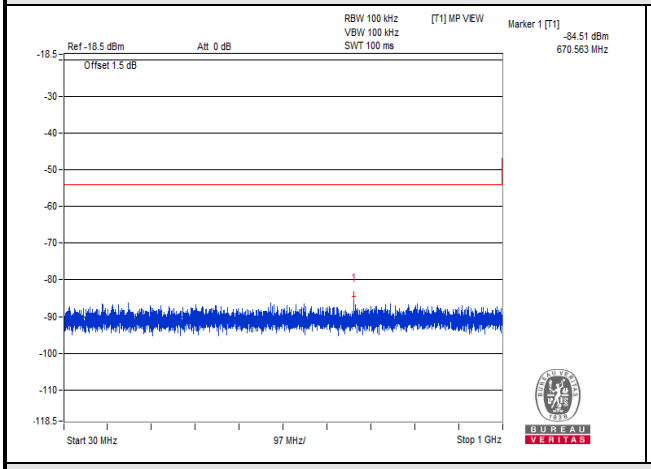
Vmin.

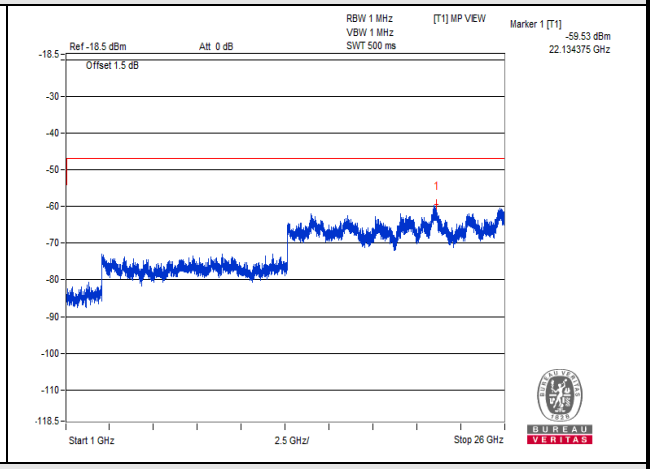




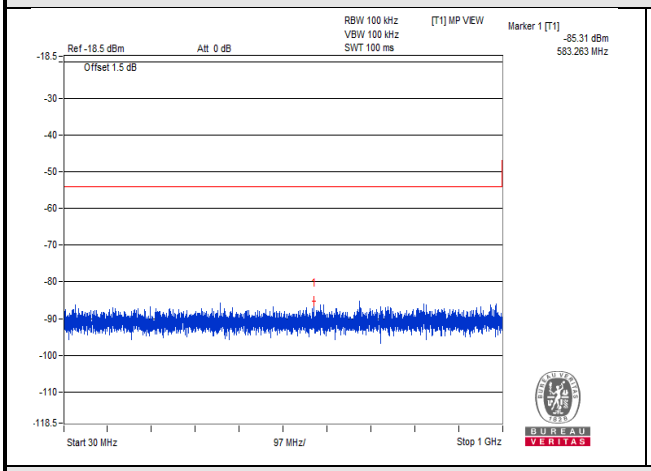
CH 38 (5190MHz)

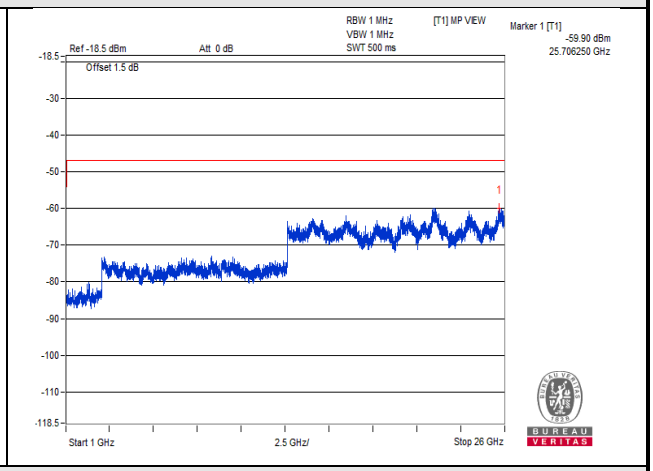
Vnormal



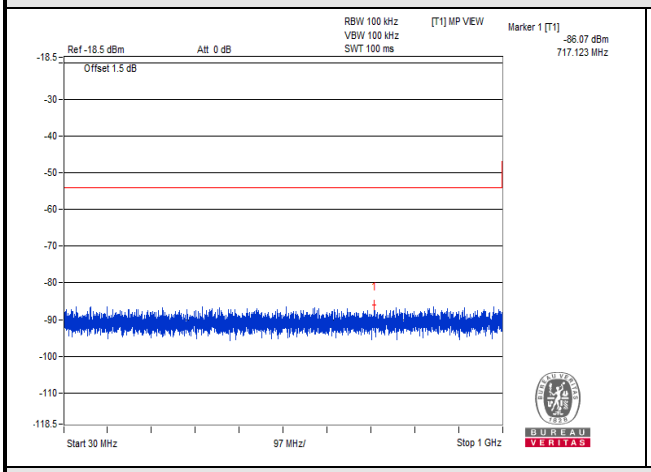


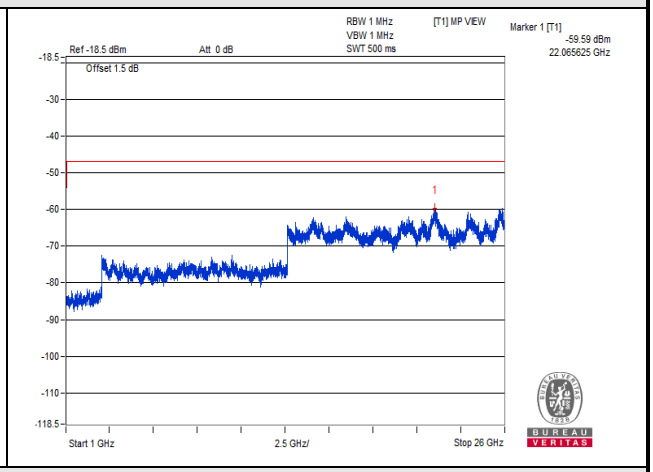
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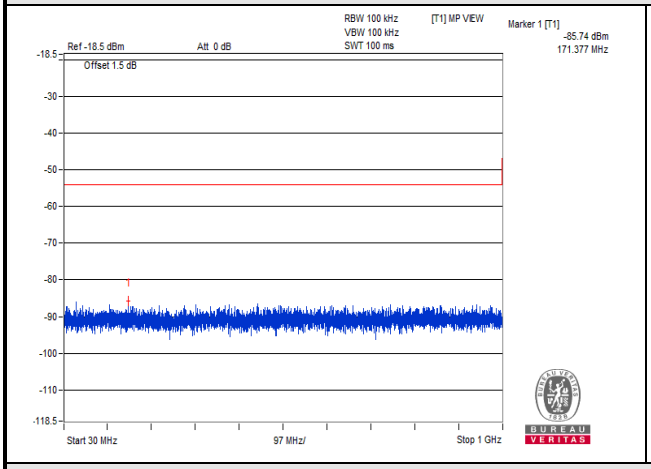
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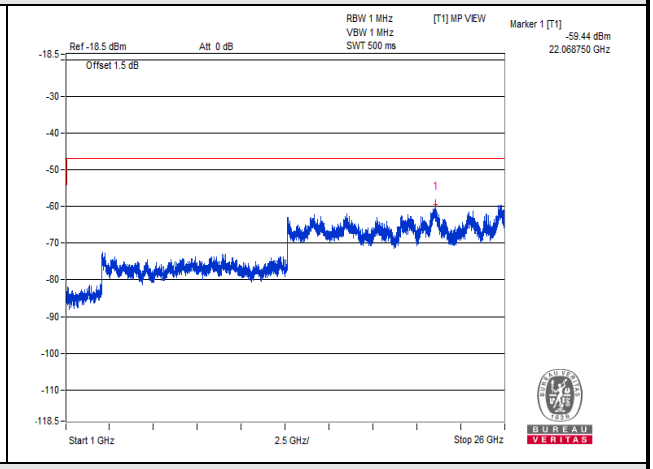




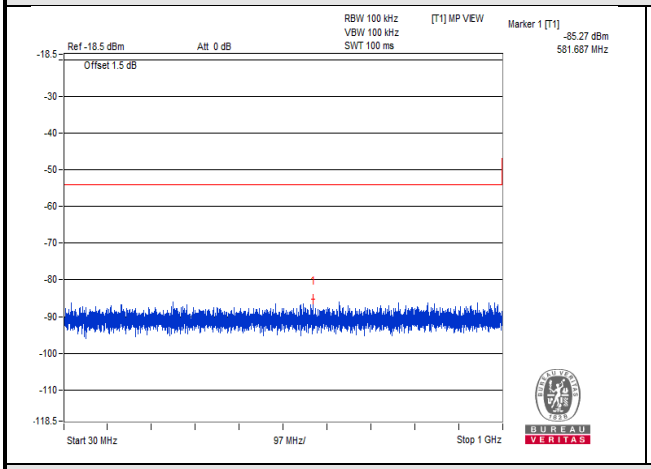
CH 46 (5230MHz)

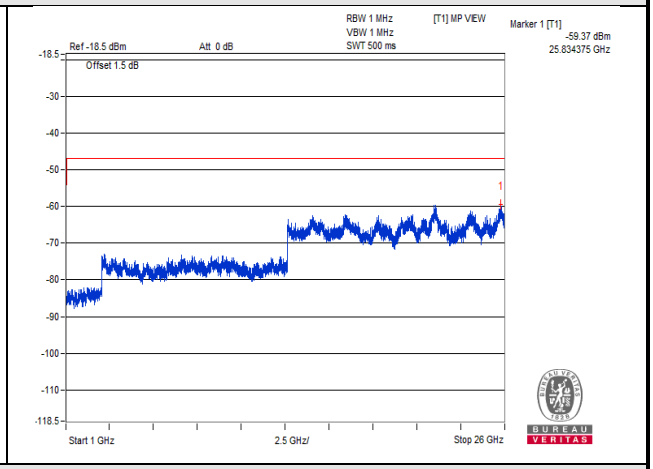
Vnormal



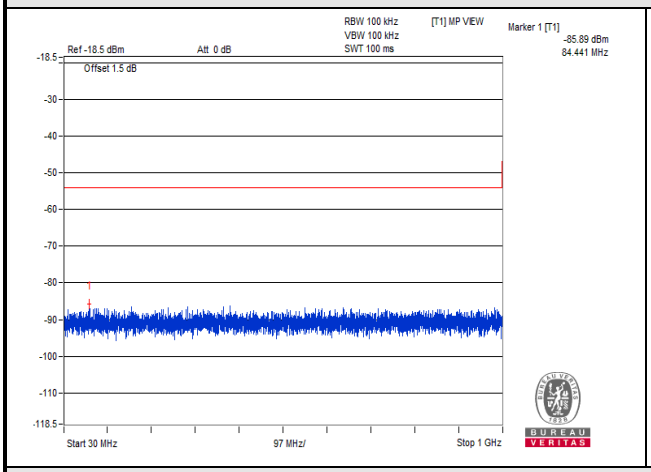


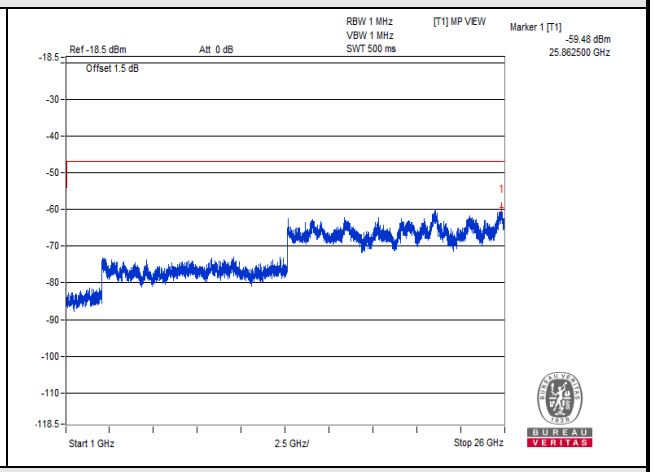
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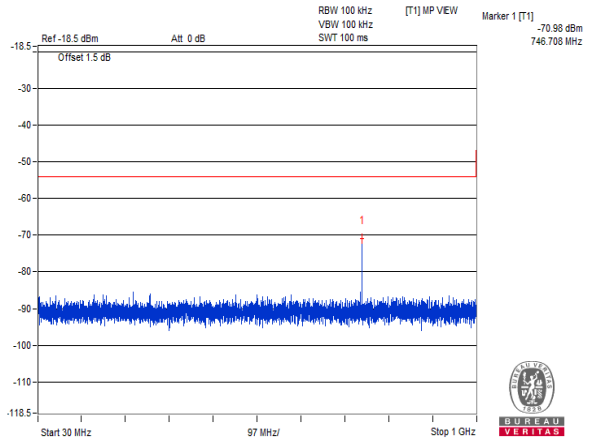
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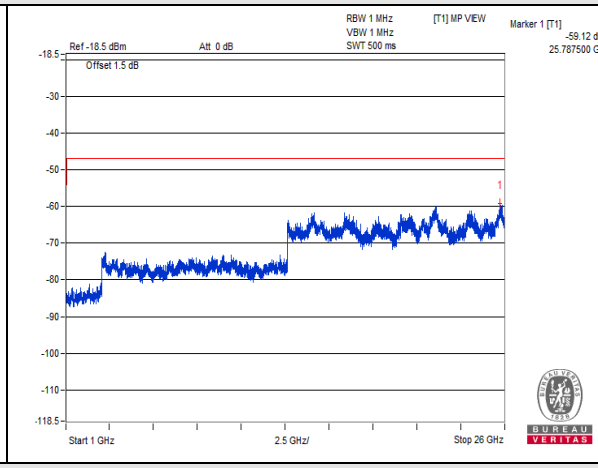




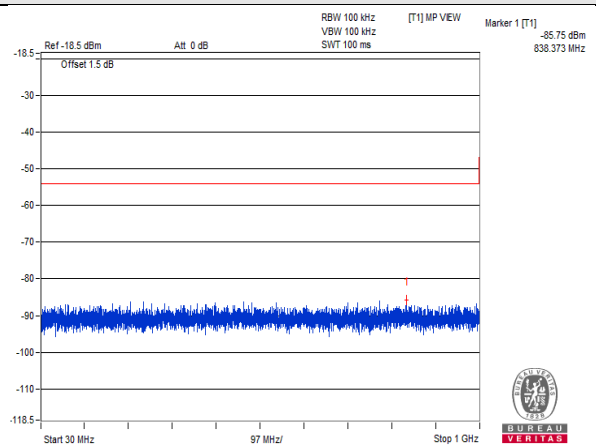
CH 54 (5270MHz)

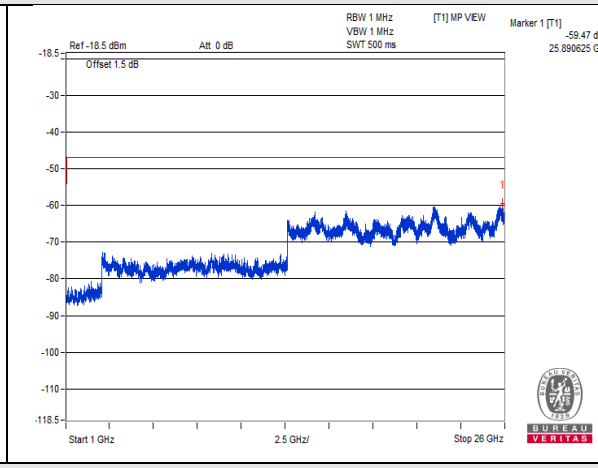
Vnormal



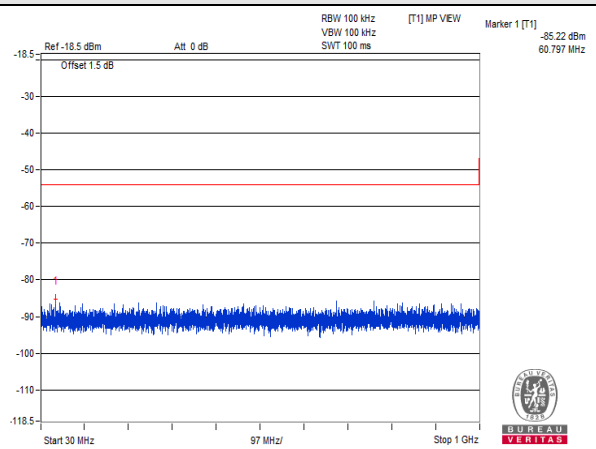


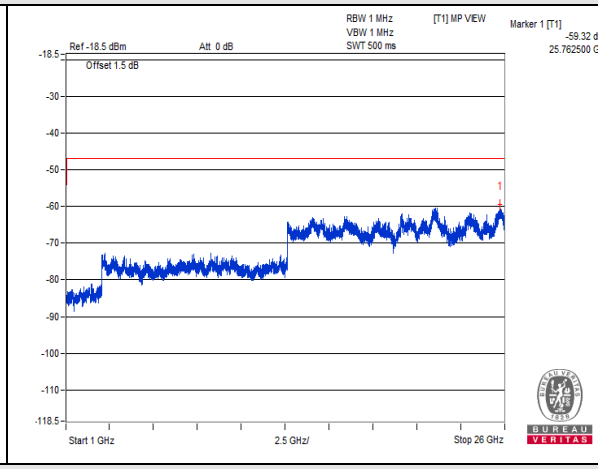
Vmax.





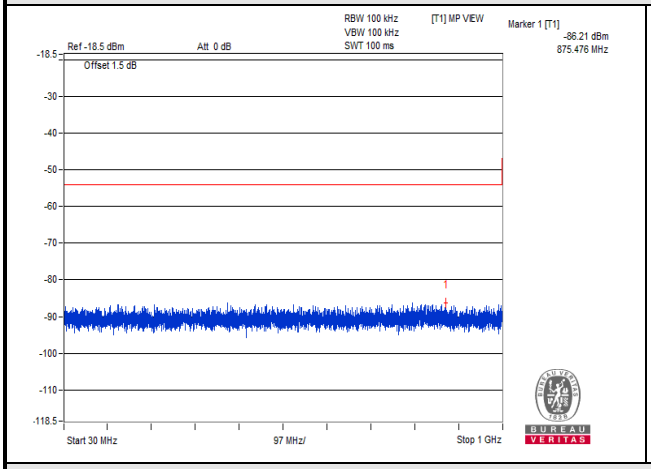
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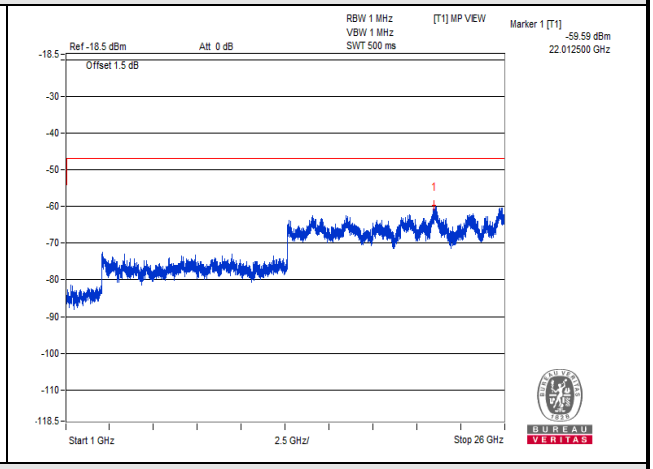




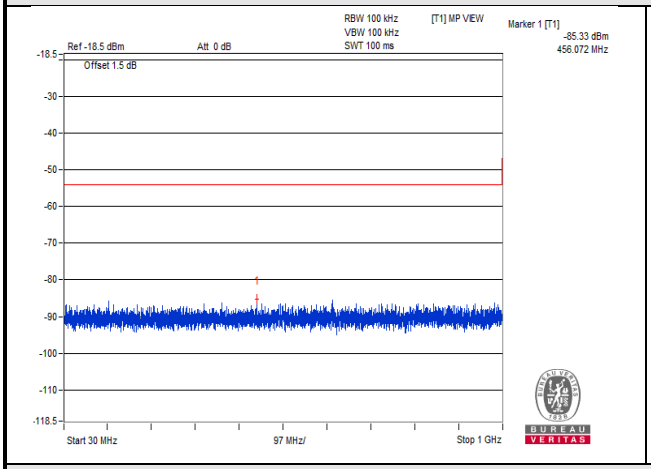
CH 62 (5310MHz)

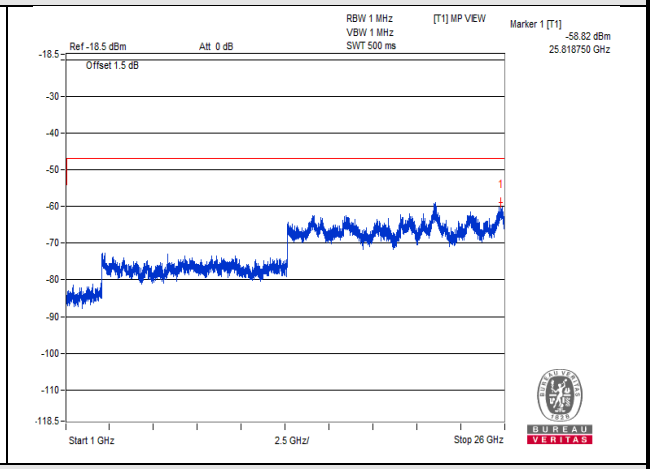
Vnormal



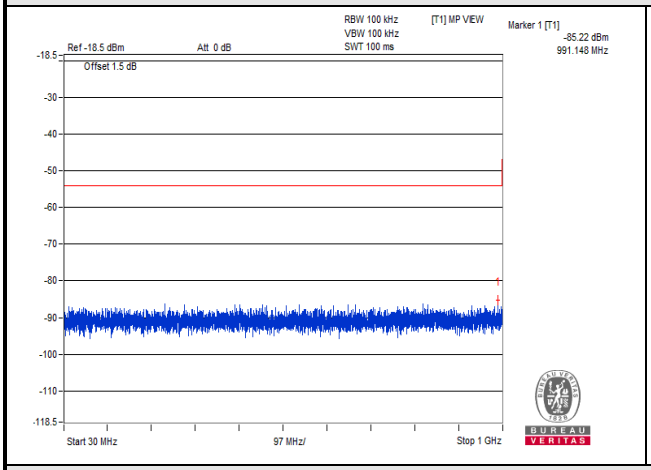


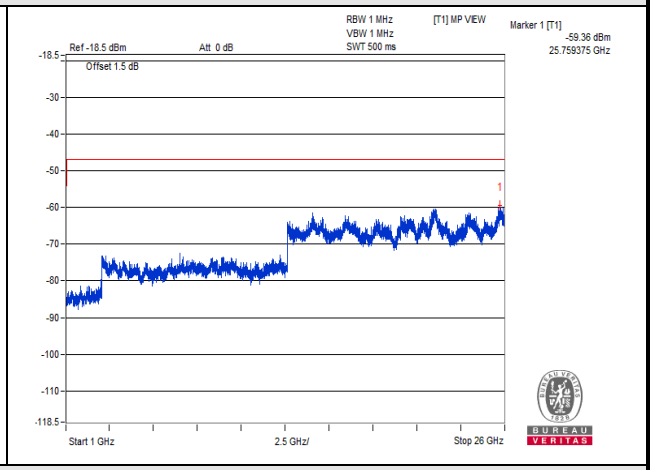
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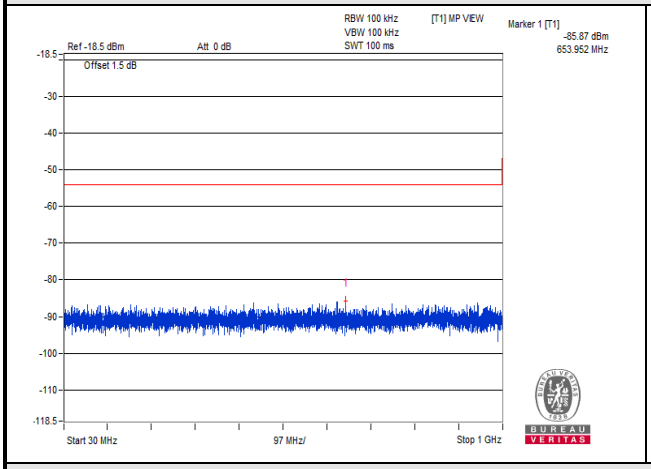
Vmin.

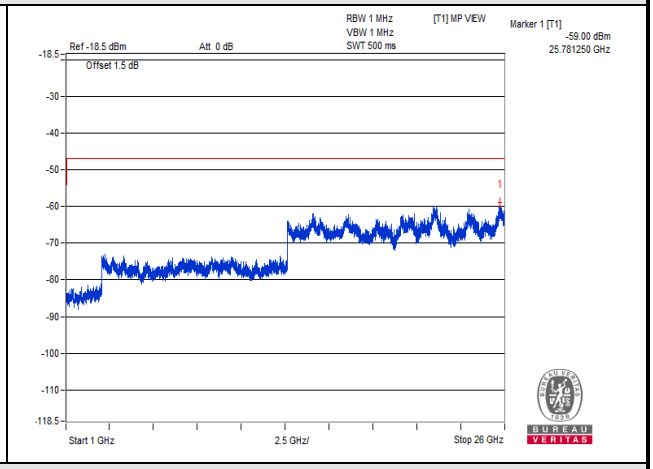




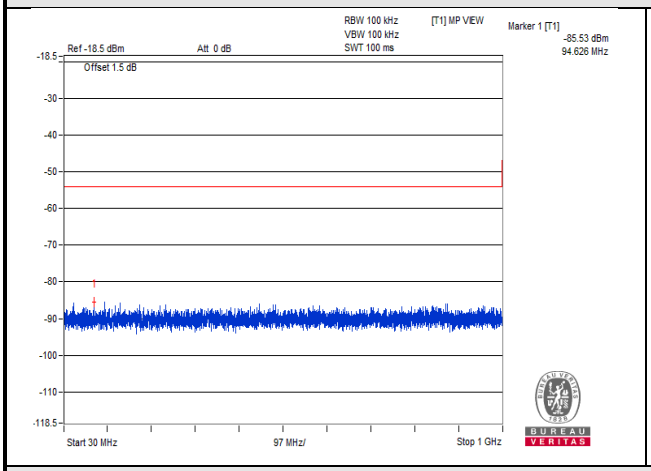
CH 102 (5510MHz)

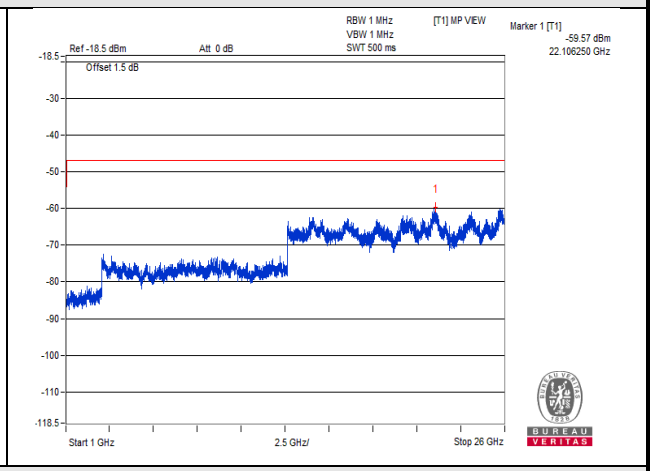
Vnormal



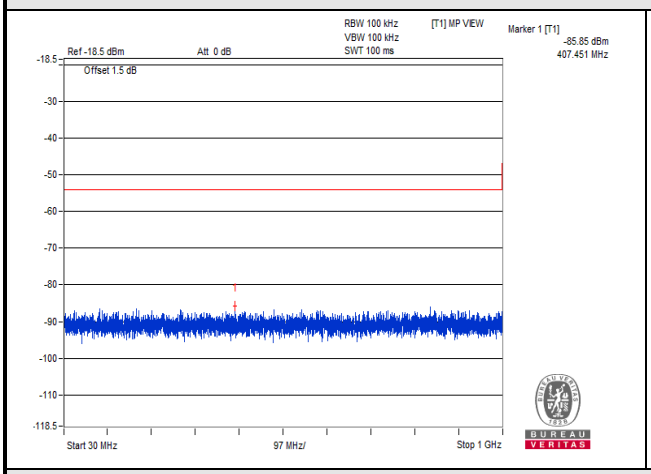


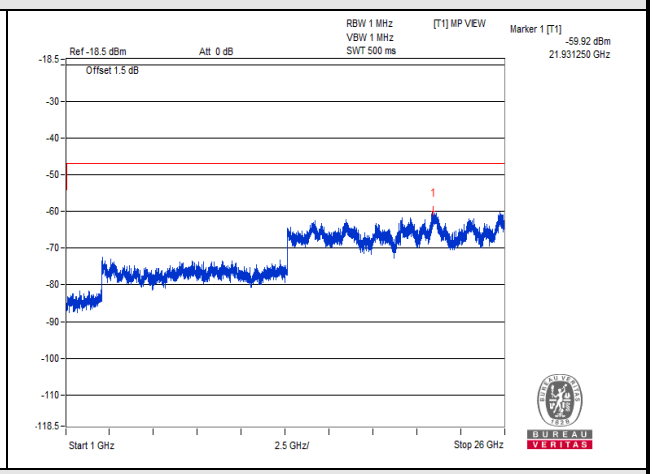
Vmax.





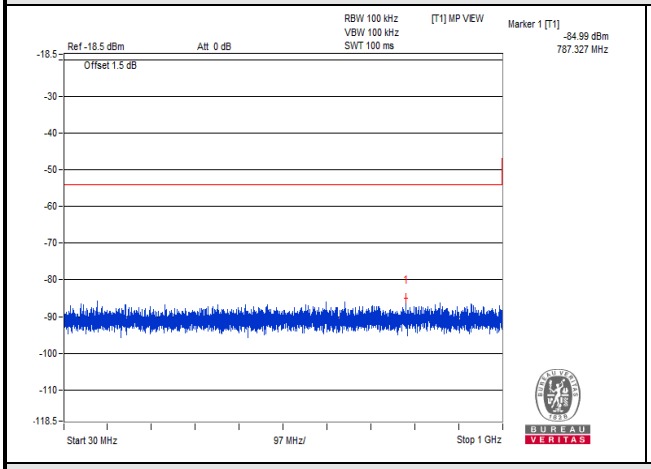
Vmin.

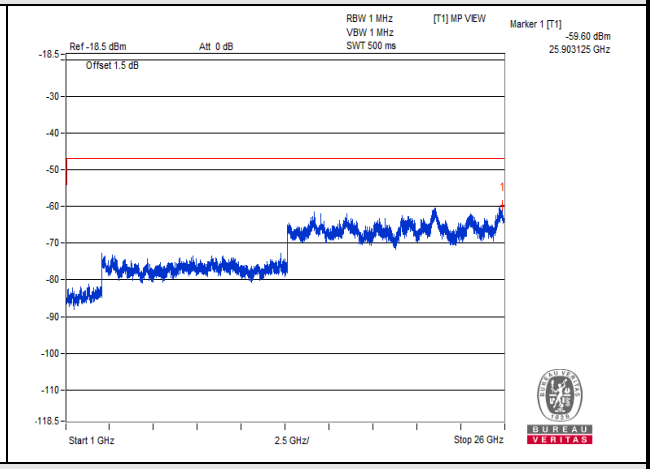




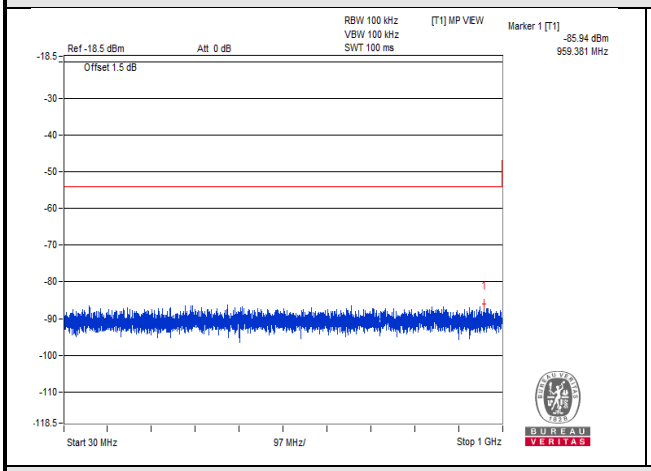
CH 118 (5590MHz)

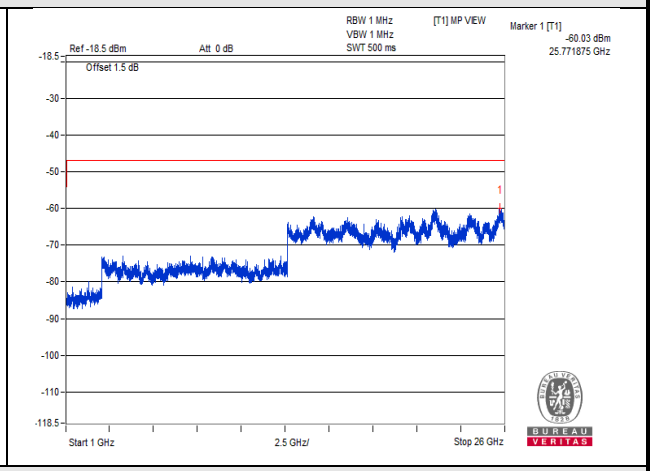
Vnormal



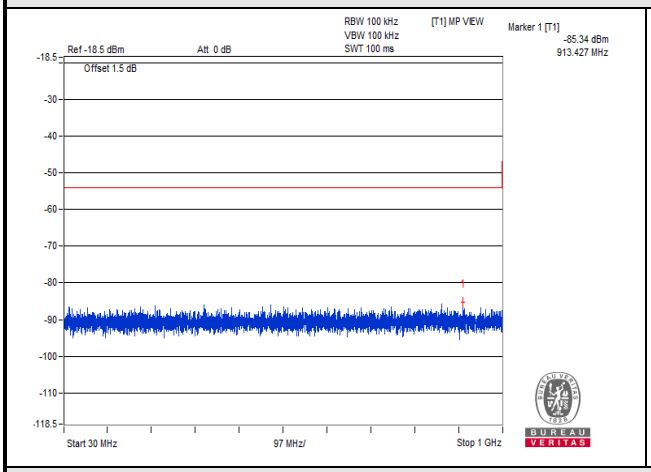


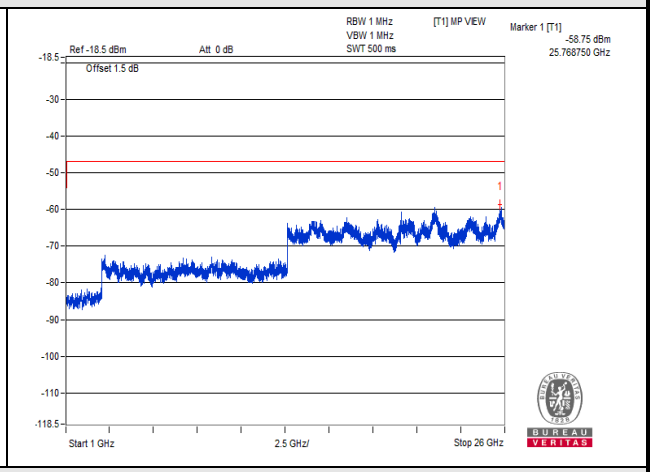
Vmax.





Vmin.





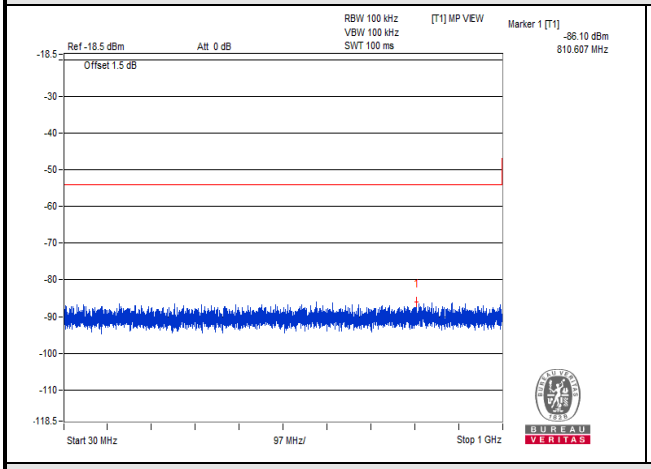
CH 142 (5710MHz)

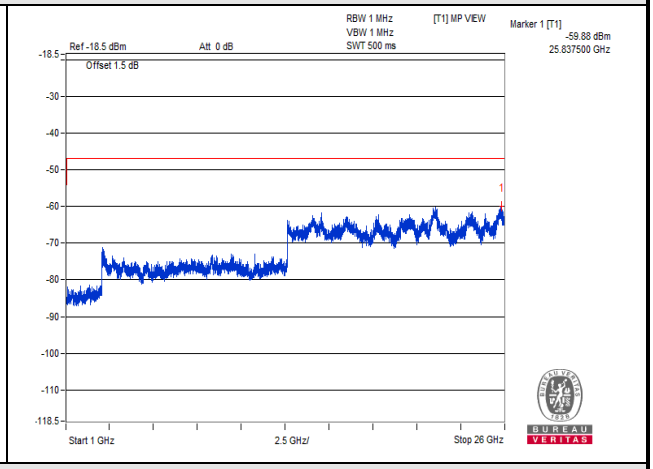
802.11ac (VHT80)

Chain A

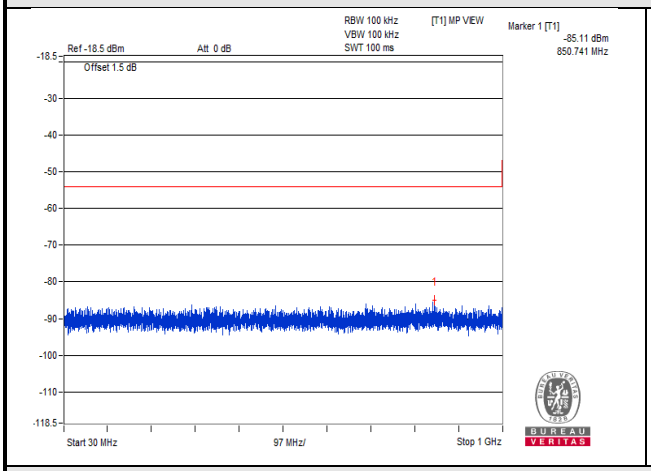
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	810.607	0.002455	4.0	PASS
	1000.0 to 26000.0	25837.500	1.028016	20.0	PASS
$V_{max.}$	30.0 to 1000.0	850.741	0.003083	4.0	PASS
	1000.0 to 26000.0	22128.125	1.066596	20.0	PASS
$V_{min.}$	30.0 to 1000.0	422.001	0.002729	4.0	PASS
	1000.0 to 26000.0	22028.125	1.104079	20.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	888.571	0.002793	4.0	PASS
	1000.0 to 26000.0	25837.500	1.233105	20.0	PASS
$V_{max.}$	30.0 to 1000.0	451.222	0.002761	4.0	PASS
	1000.0 to 26000.0	25840.625	1.093956	20.0	PASS
$V_{min.}$	30.0 to 1000.0	721.973	0.005649	4.0	PASS
	1000.0 to 26000.0	25803.125	1.358313	20.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	817.397	0.002812	4.0	PASS
	1000.0 to 26000.0	22050.000	1.061696	20.0	PASS
$V_{max.}$	30.0 to 1000.0	941.436	0.002871	4.0	PASS
	1000.0 to 26000.0	25859.375	1.150800	20.0	PASS
$V_{min.}$	30.0 to 1000.0	518.152	0.002985	4.0	PASS
	1000.0 to 26000.0	25890.625	1.109175	20.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	646.920	0.002518	4.0	PASS
	1000.0 to 26000.0	25784.375	1.111732	20.0	PASS
$V_{max.}$	30.0 to 1000.0	358.102	0.002799	4.0	PASS
	1000.0 to 26000.0	24075.000	0.922571	20.0	PASS
$V_{min.}$	30.0 to 1000.0	502.875	0.003155	4.0	PASS
	1000.0 to 26000.0	25834.375	1.104079	20.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	161.313	0.003041	4.0	PASS
	1000.0 to 26000.0	25818.750	1.047129	20.0	PASS
$V_{max.}$	30.0 to 1000.0	818.610	0.003119	4.0	PASS
	1000.0 to 26000.0	25831.250	0.966051	20.0	PASS
$V_{min.}$	30.0 to 1000.0	140.943	0.002523	4.0	PASS
	1000.0 to 26000.0	25840.625	1.145513	20.0	PASS

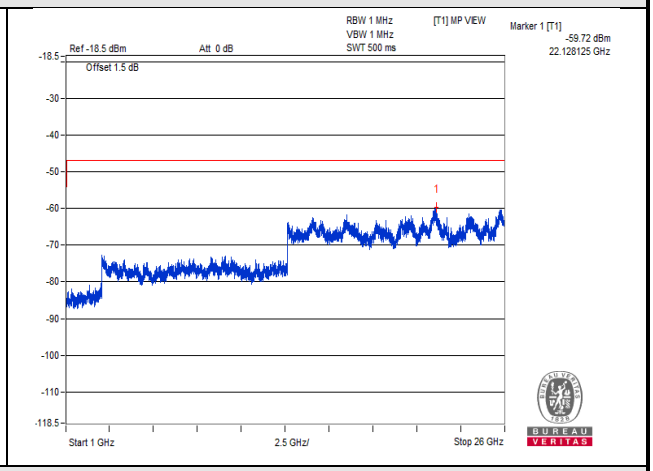
Vnormal



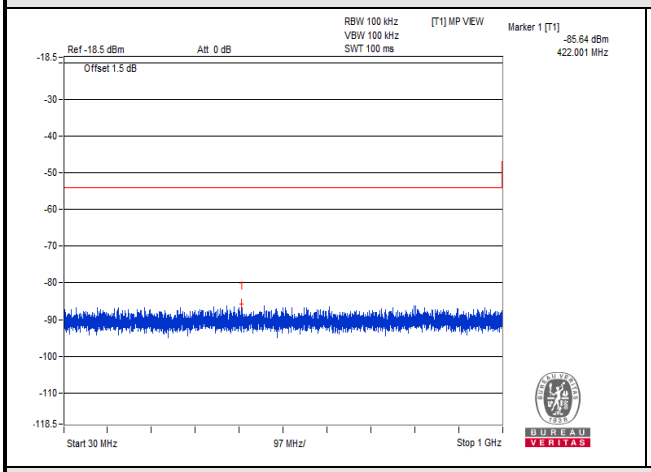


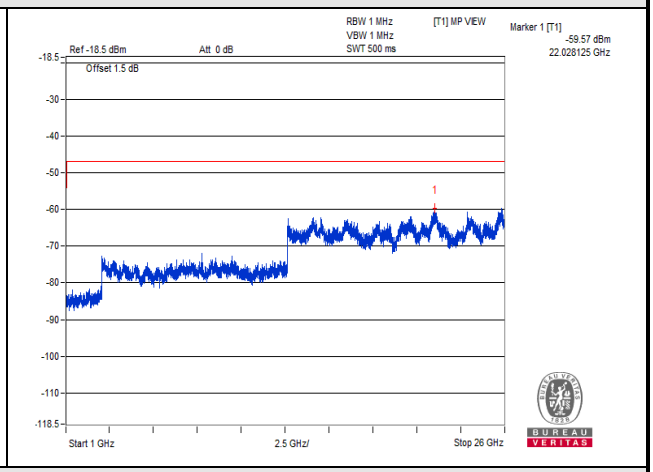
Vmax.





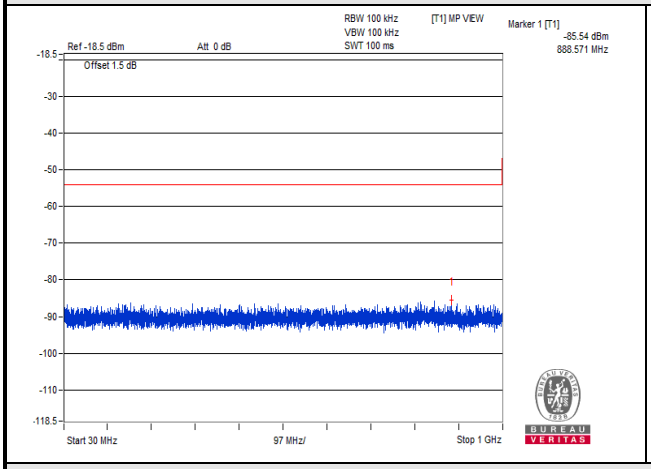
Vmin.

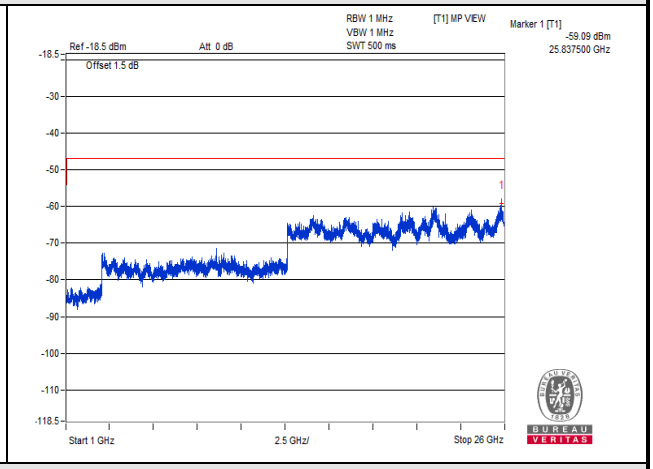




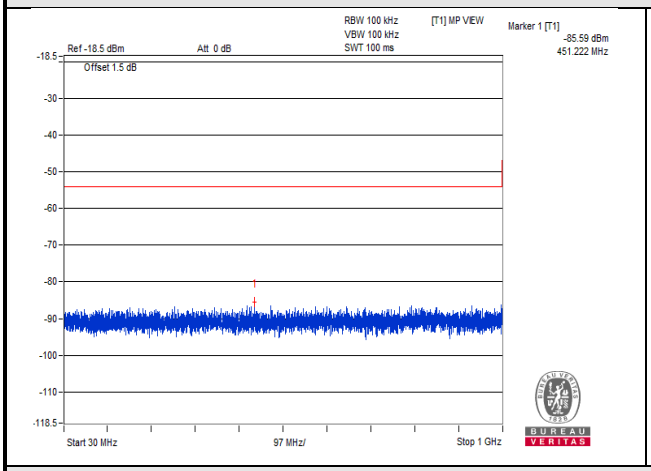
CH 42 (5210MHz)

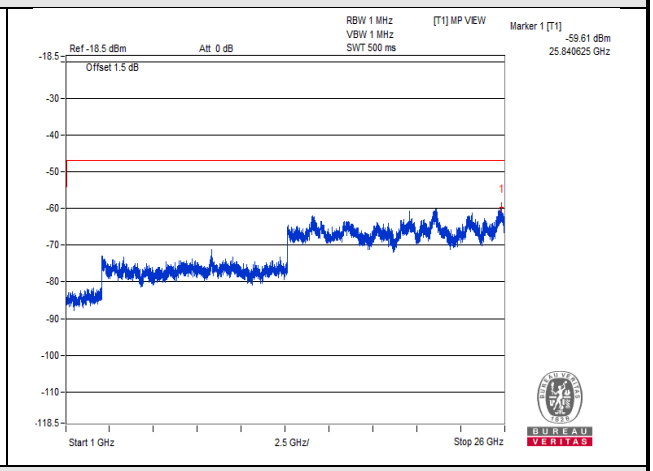
Vnormal



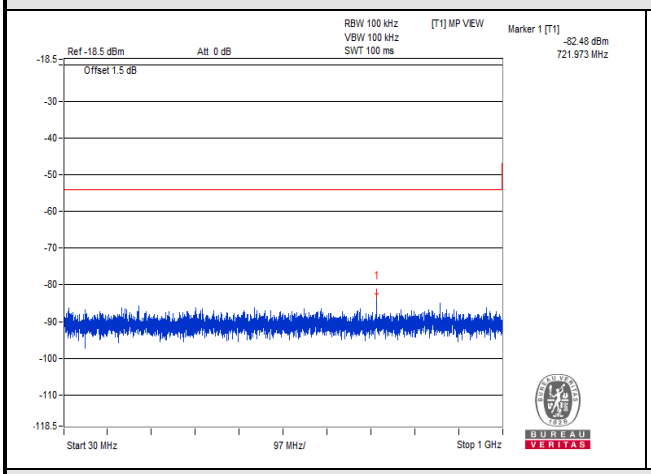


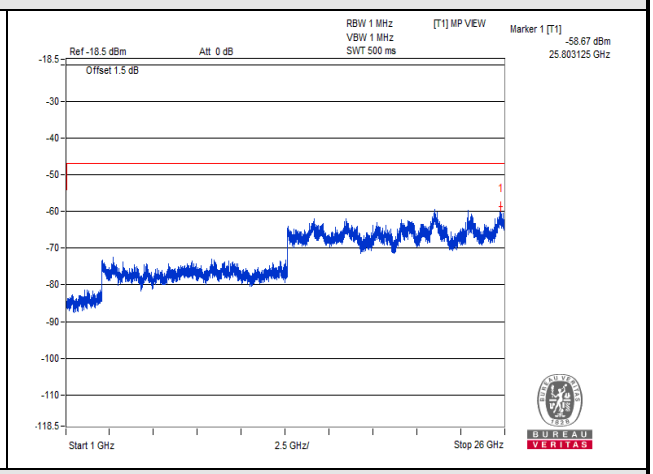
Vmax.





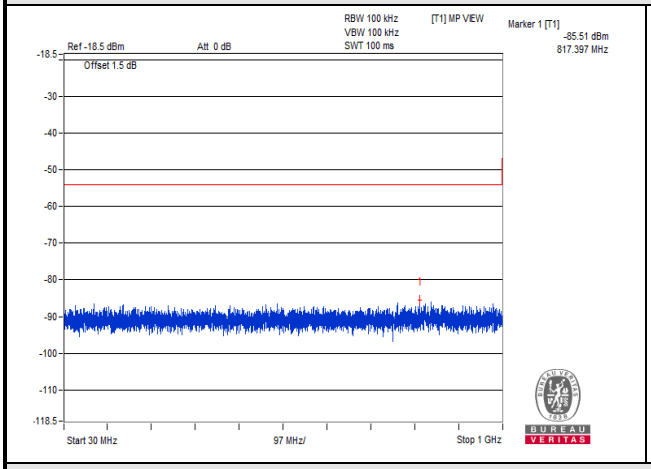
Vmin.

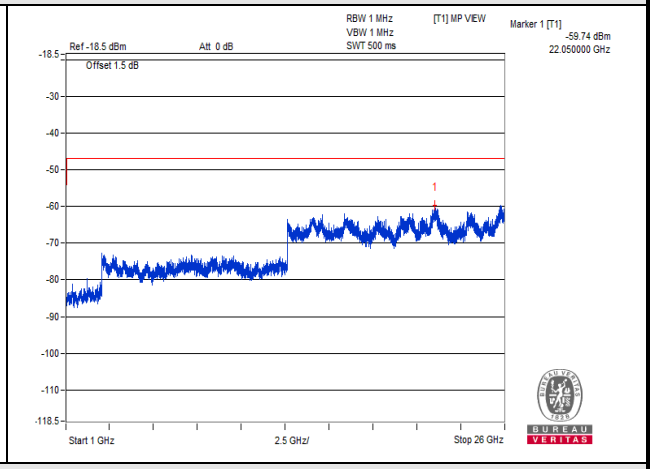




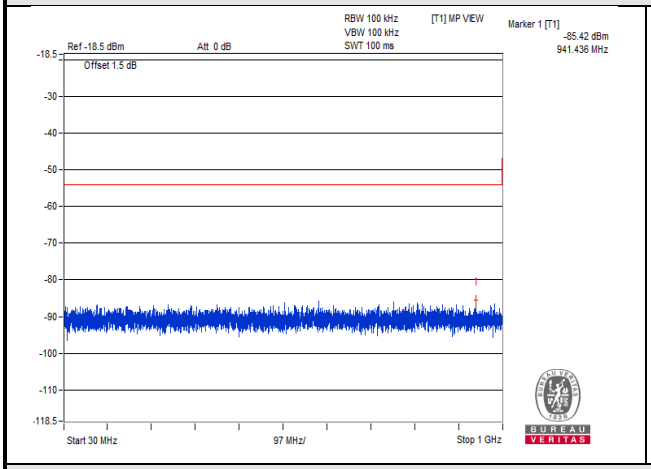
CH 58 (5290MHz)

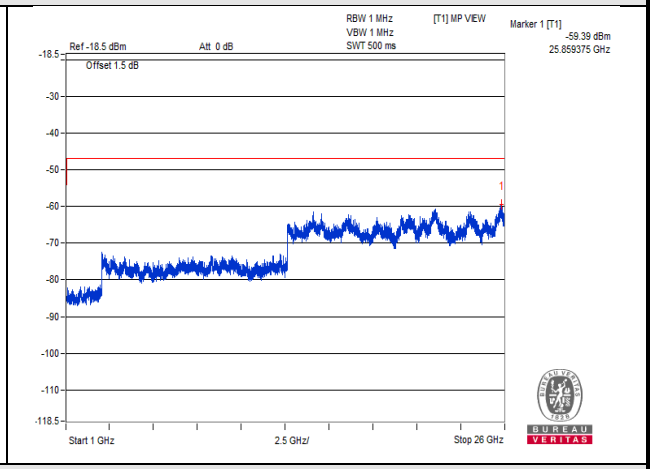
Vnormal



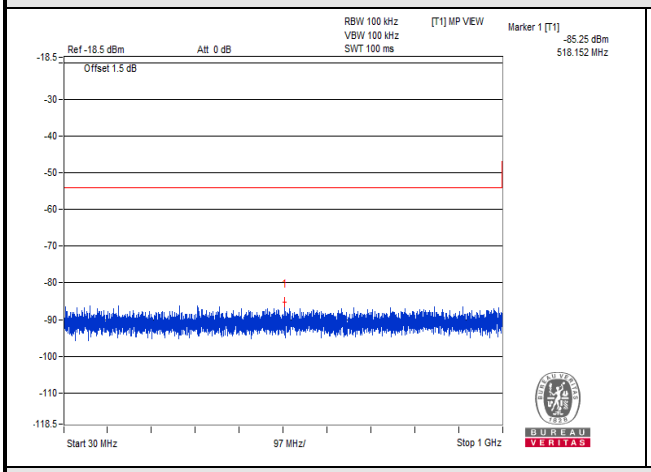


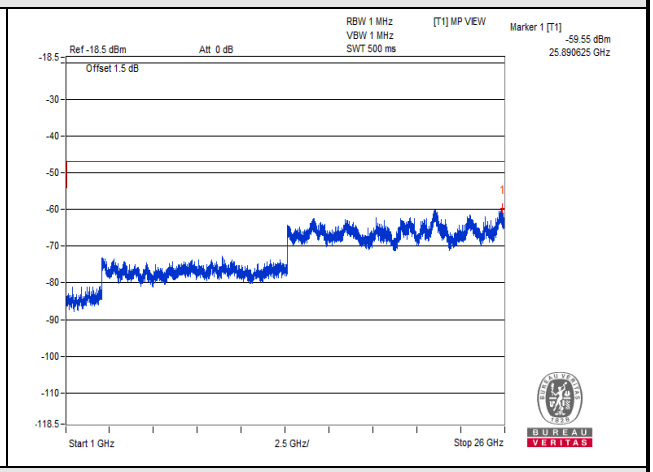
Vmax.





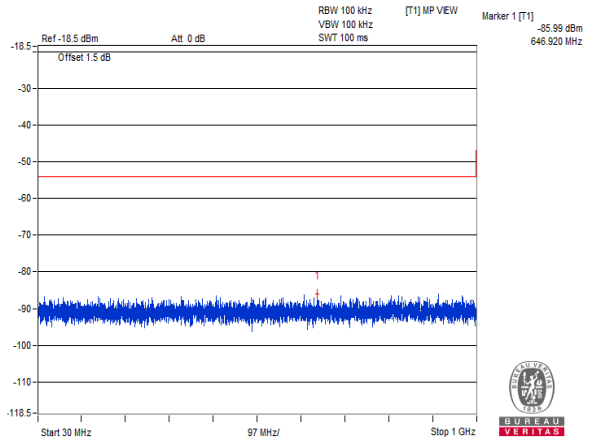
Vmin.

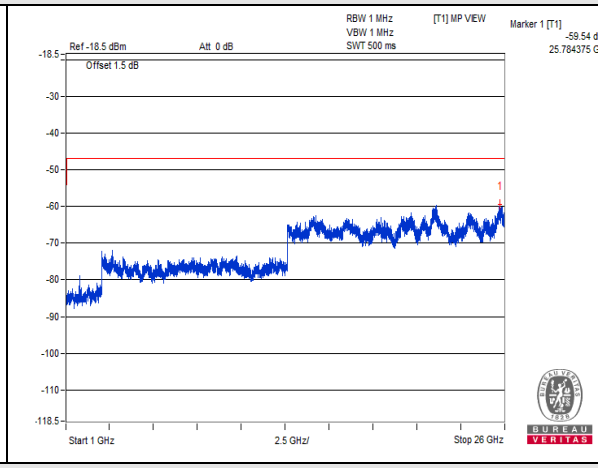




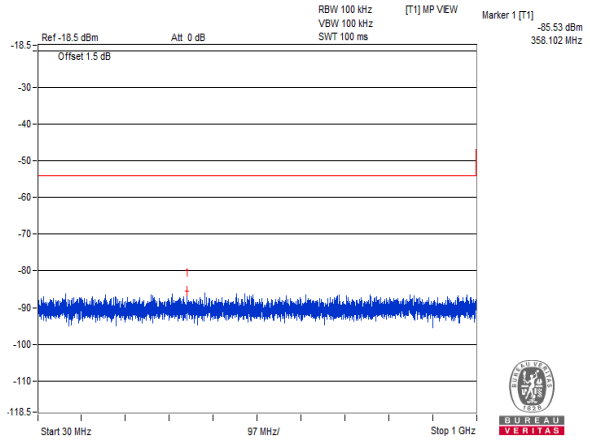
CH 106 (5530MHz)

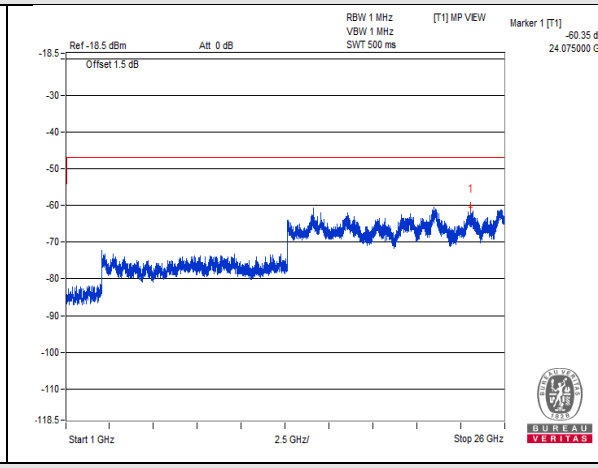
Vnormal



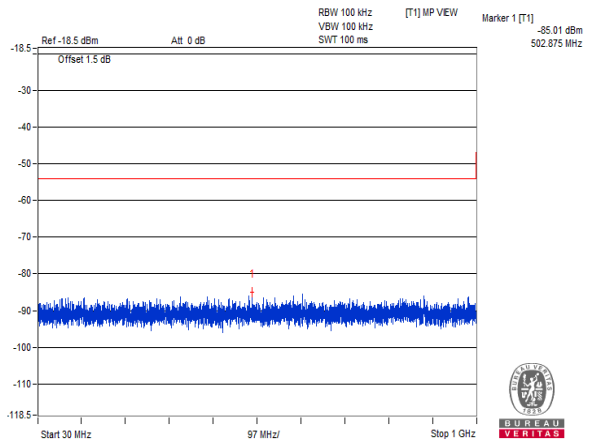


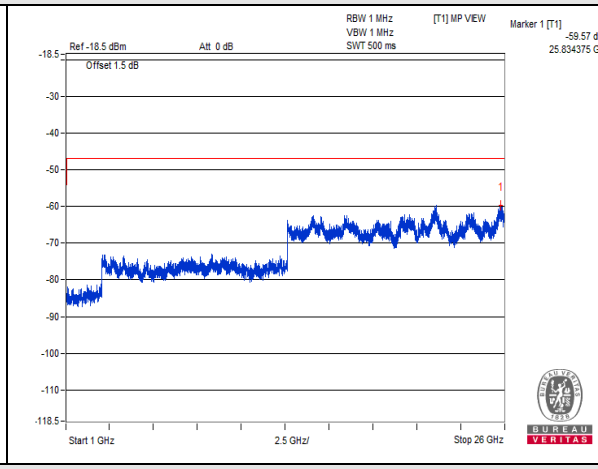
Vmax.





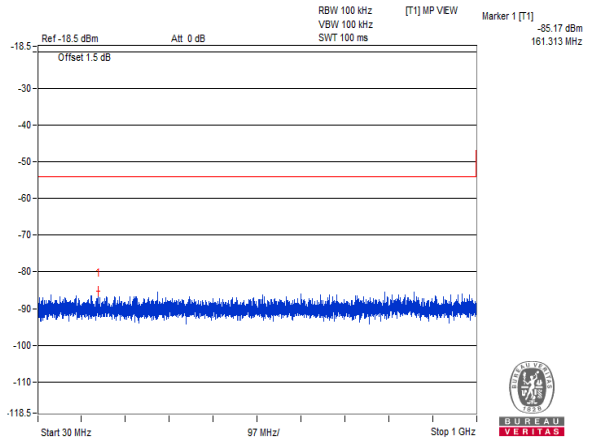
Vmin.

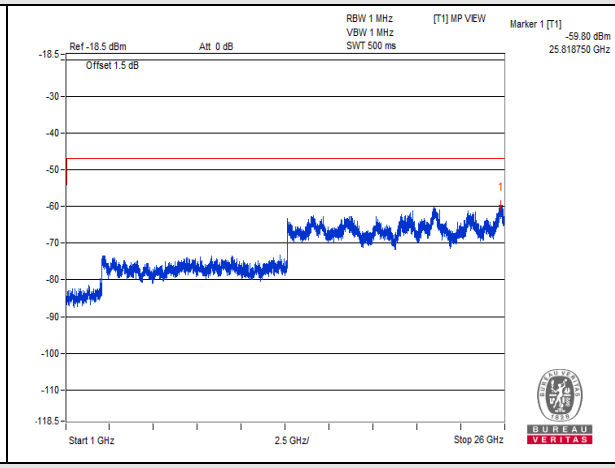




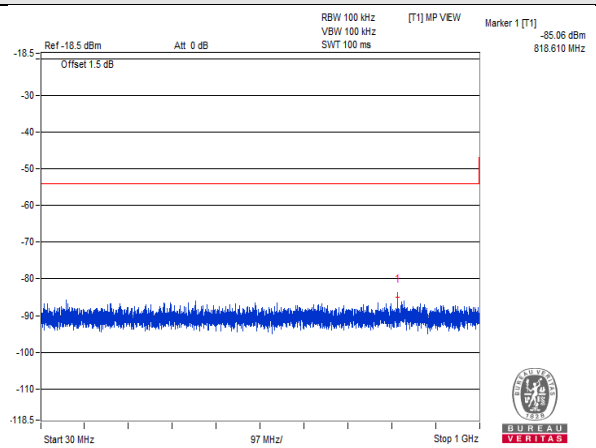
CH 122 (5610MHz)

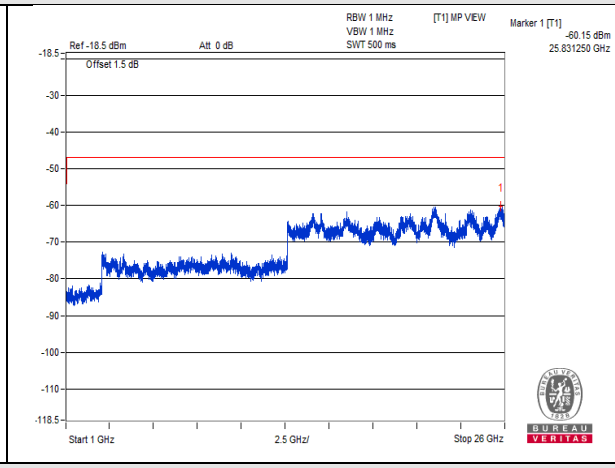
Vnormal



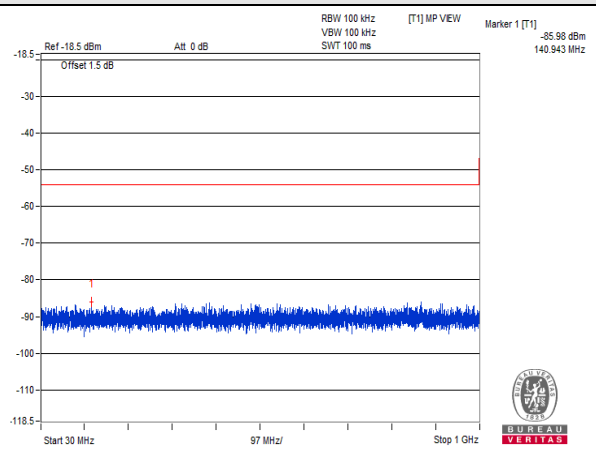


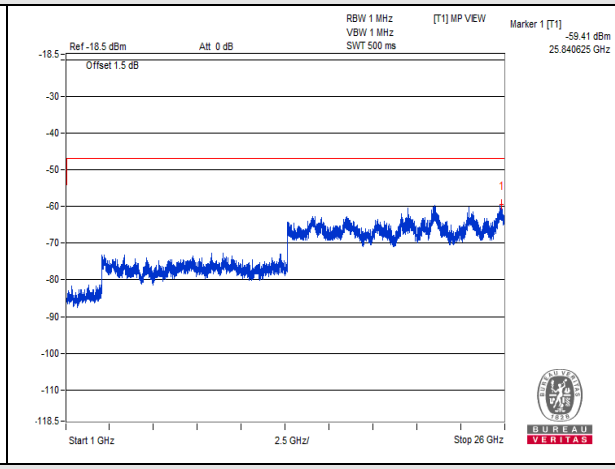
Vmax.





Vmin.





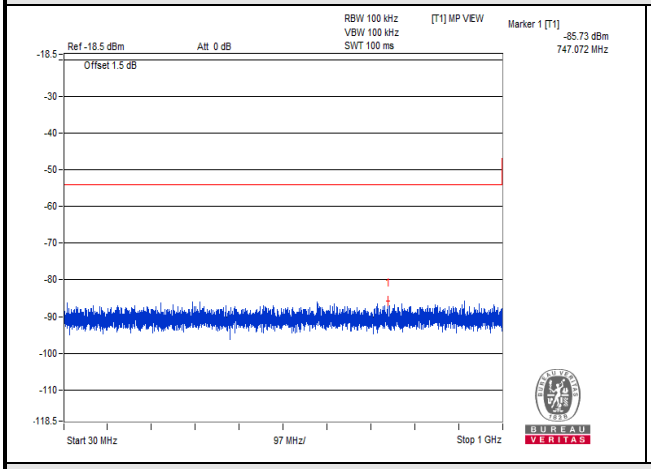
CH 138 (5690MHz)

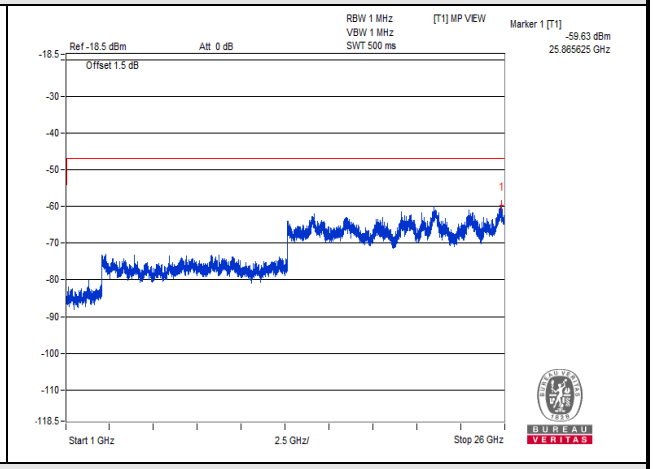
802.11ac (VHT160)

Chain A

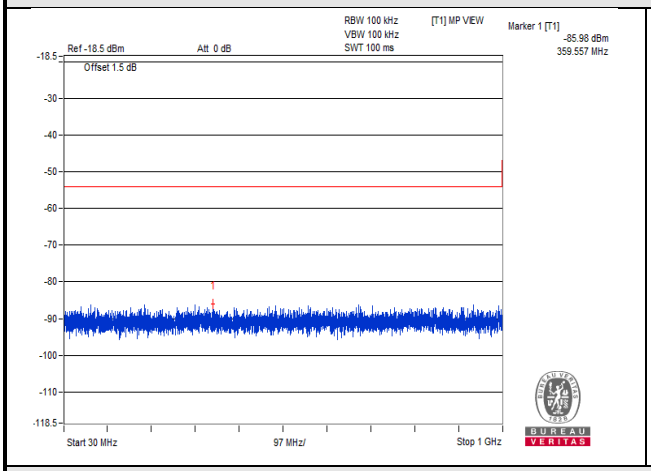
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	747.072	0.002673	4.0	PASS
	1000.0 to 26000.0	25865.625	1.088930	20.0	PASS
$V_{max.}$	30.0 to 1000.0	359.557	0.002523	4.0	PASS
	1000.0 to 26000.0	25821.875	1.035142	20.0	PASS
$V_{min.}$	30.0 to 1000.0	587.507	0.002460	4.0	PASS
	1000.0 to 26000.0	22059.375	0.974990	20.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	810.122	0.002529	4.0	PASS
	1000.0 to 26000.0	22034.375	1.013911	20.0	PASS
$V_{max.}$	30.0 to 1000.0	714.213	0.004395	4.0	PASS
	1000.0 to 26000.0	25896.875	1.188502	20.0	PASS
$V_{min.}$	30.0 to 1000.0	369.136	0.002877	4.0	PASS
	1000.0 to 26000.0	22025.000	1.064143	20.0	PASS

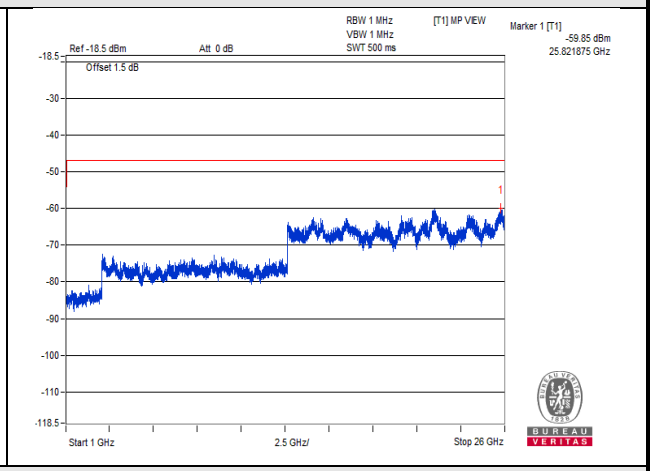
Vnormal



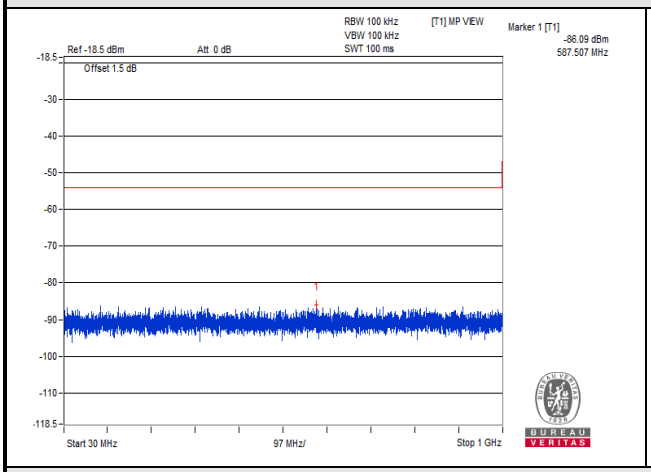


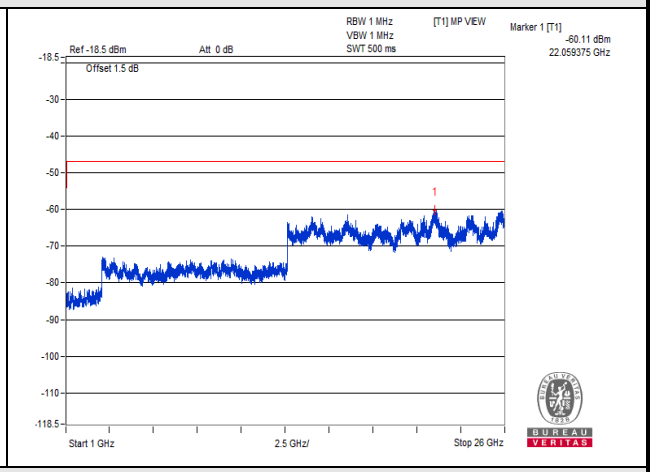
Vmax.





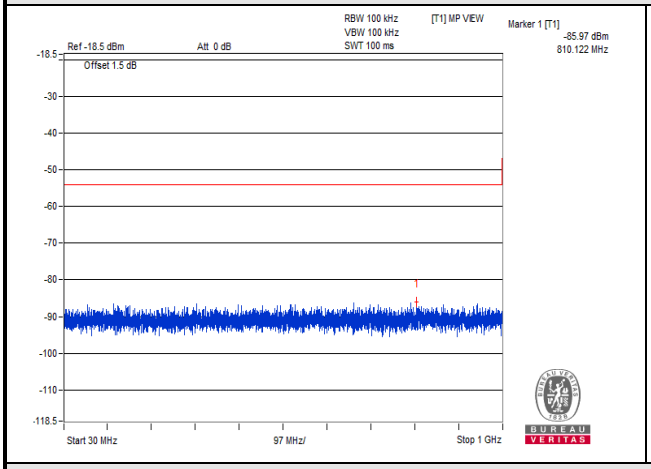
Vmin.

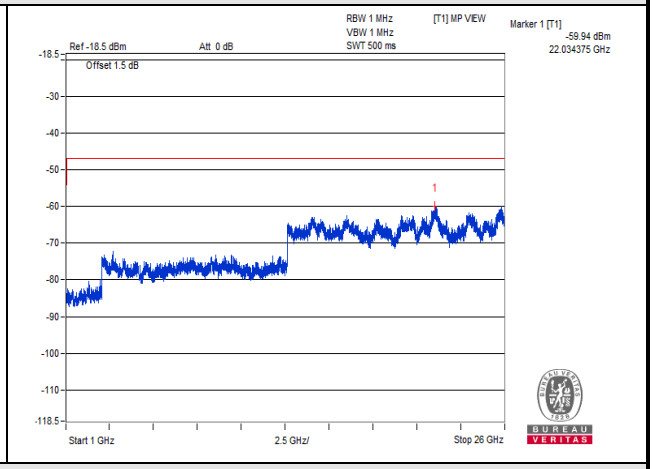




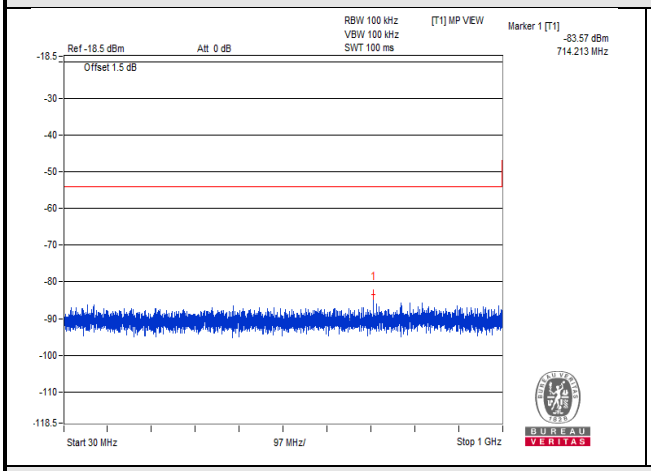
CH 50 (5250MHz)

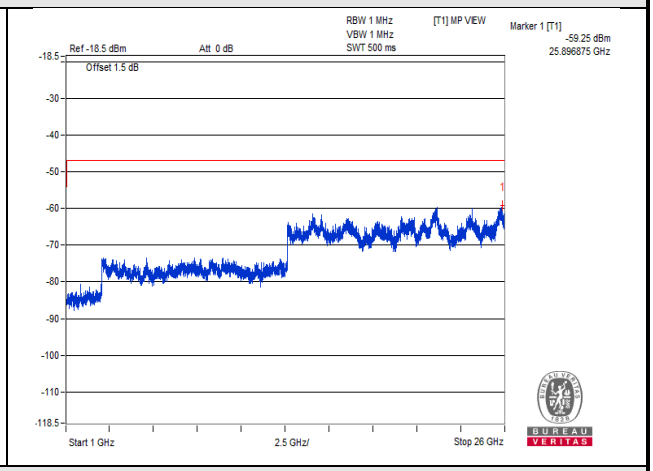
Vnormal



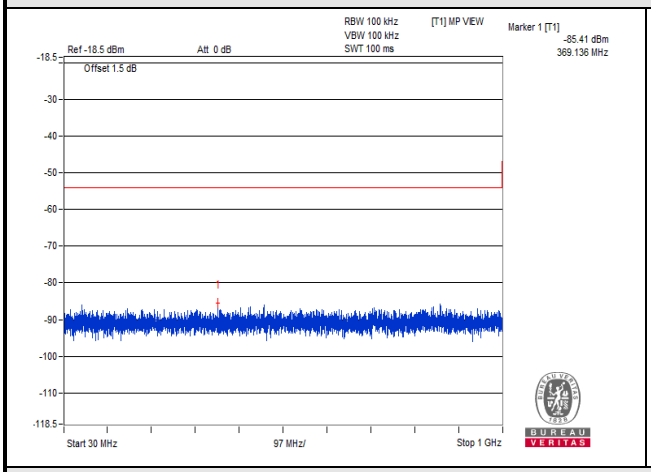


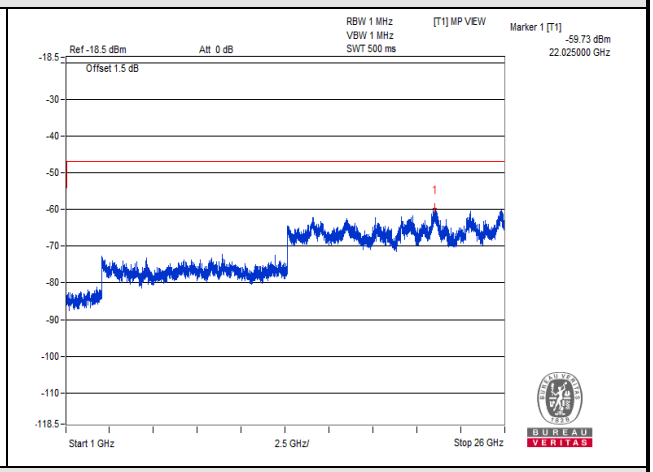
Vmax.





Vmin.





CH 114 (5570MHz)

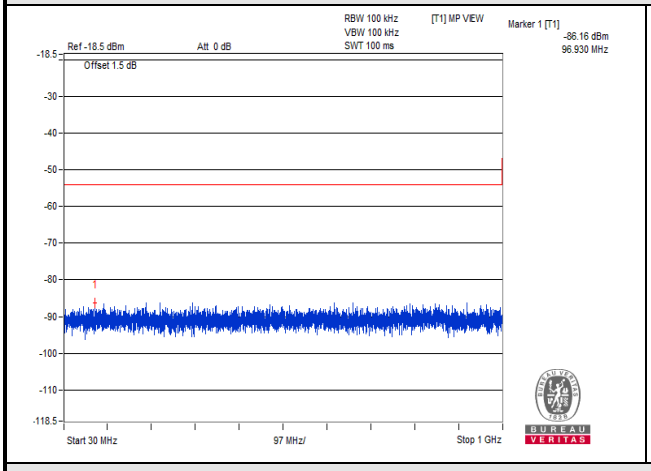
802.11ax (HE20)

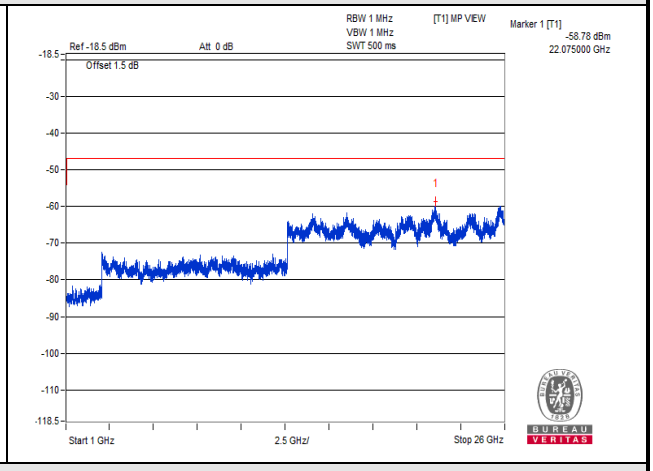
Chain A

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	96.930	0.002421	4.0	PASS
	1000.0 to 26000.0	22075.000	1.324342	20.0	PASS
$V_{max.}$	30.0 to 1000.0	746.951	0.057677	4.0	PASS
	1000.0 to 26000.0	25768.750	1.174898	20.0	PASS
$V_{min.}$	30.0 to 1000.0	915.125	0.002518	4.0	PASS
	1000.0 to 26000.0	25746.875	1.196741	20.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	439.946	0.002588	4.0	PASS
	1000.0 to 26000.0	22031.250	1.279381	20.0	PASS
$V_{max.}$	30.0 to 1000.0	955.622	0.002388	4.0	PASS
	1000.0 to 26000.0	22056.250	1.124605	20.0	PASS
$V_{min.}$	30.0 to 1000.0	775.081	0.002489	4.0	PASS
	1000.0 to 26000.0	22112.500	1.422329	20.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	849.043	0.002636	4.0	PASS
	1000.0 to 26000.0	25965.625	0.946237	20.0	PASS
$V_{max.}$	30.0 to 1000.0	741.010	0.002742	4.0	PASS
	1000.0 to 26000.0	22028.125	1.285287	20.0	PASS
$V_{min.}$	30.0 to 1000.0	825.278	0.002972	4.0	PASS
	1000.0 to 26000.0	25809.375	0.981748	20.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	580.232	0.002393	4.0	PASS
	1000.0 to 26000.0	25825.000	1.106624	20.0	PASS
$V_{max.}$	30.0 to 1000.0	828.552	0.002655	4.0	PASS
	1000.0 to 26000.0	22146.875	1.161449	20.0	PASS
$V_{min.}$	30.0 to 1000.0	400.297	0.002844	4.0	PASS
	1000.0 to 26000.0	22140.625	1.169499	20.0	PASS

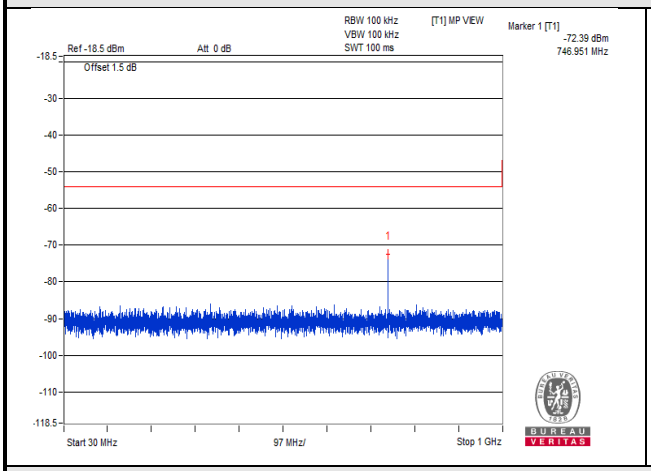
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	345.007	0.003006	4.0	PASS
	1000.0 to 26000.0	22028.125	1.213389	20.0	PASS
$V_{max.}$	30.0 to 1000.0	858.137	0.002710	4.0	PASS
	1000.0 to 26000.0	25834.375	1.256030	20.0	PASS
$V_{min.}$	30.0 to 1000.0	151.128	0.002735	4.0	PASS
	1000.0 to 26000.0	22043.750	1.345860	20.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	578.535	0.002985	4.0	PASS
	1000.0 to 26000.0	25815.625	1.037528	20.0	PASS
$V_{max.}$	30.0 to 1000.0	287.656	0.003304	4.0	PASS
	1000.0 to 26000.0	25925.000	1.193988	20.0	PASS
$V_{min.}$	30.0 to 1000.0	464.075	0.002793	4.0	PASS
	1000.0 to 26000.0	22050.000	1.051962	20.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	859.471	0.002958	4.0	PASS
	1000.0 to 26000.0	21987.500	1.185769	20.0	PASS
$V_{max.}$	30.0 to 1000.0	662.925	0.002455	4.0	PASS
	1000.0 to 26000.0	25790.625	0.974990	20.0	PASS
$V_{min.}$	30.0 to 1000.0	605.937	0.002618	4.0	PASS
	1000.0 to 26000.0	25828.125	1.150800	20.0	PASS

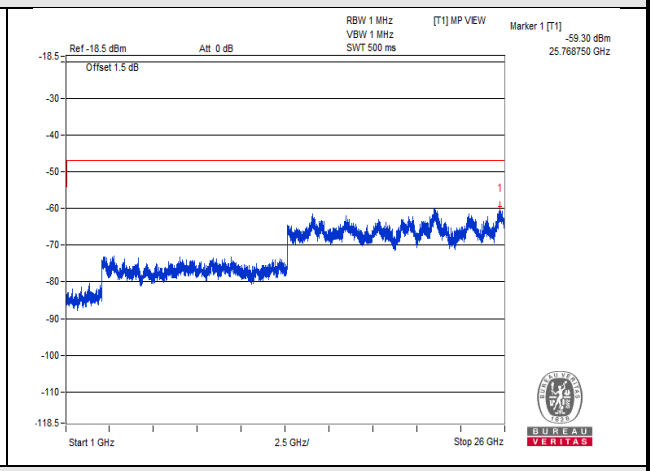
Vnormal



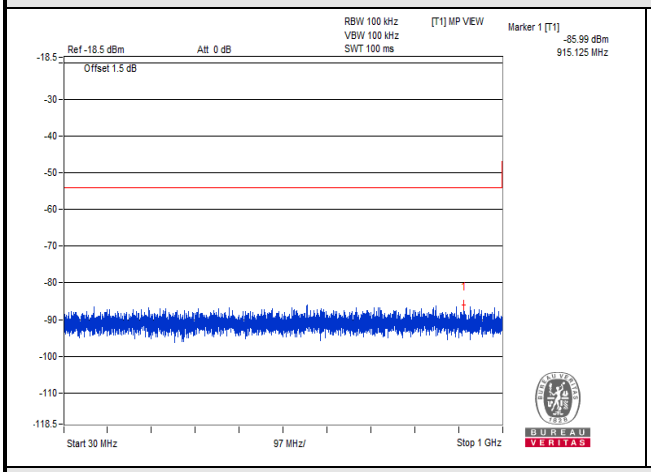


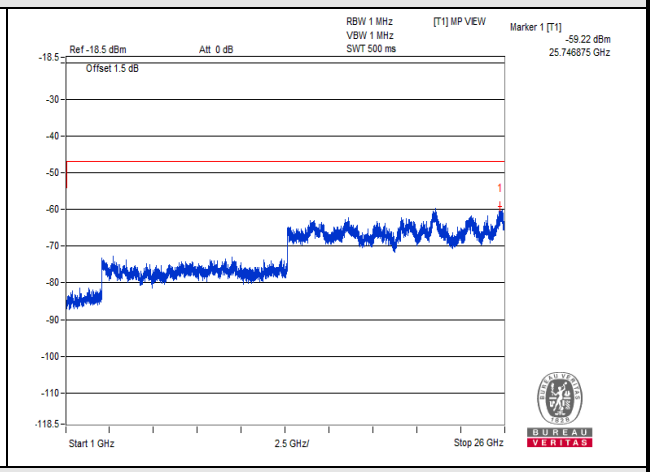
Vmax.





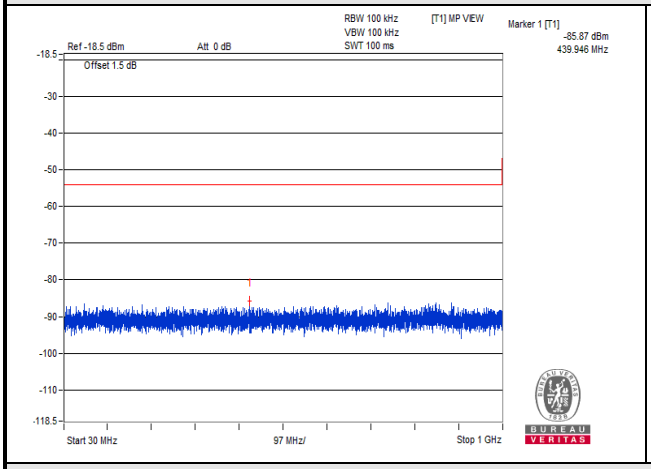
Vmin.

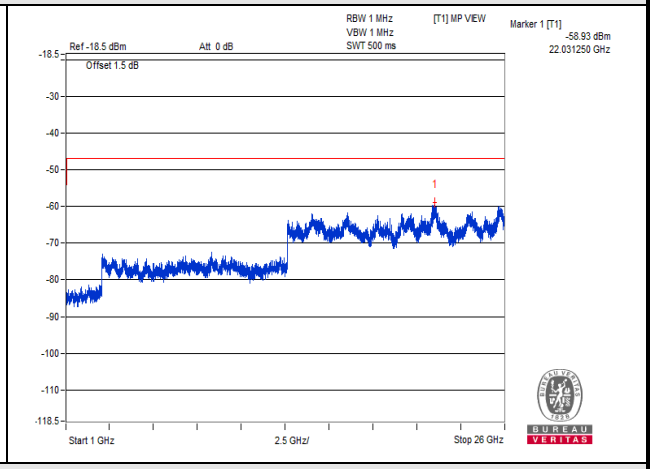




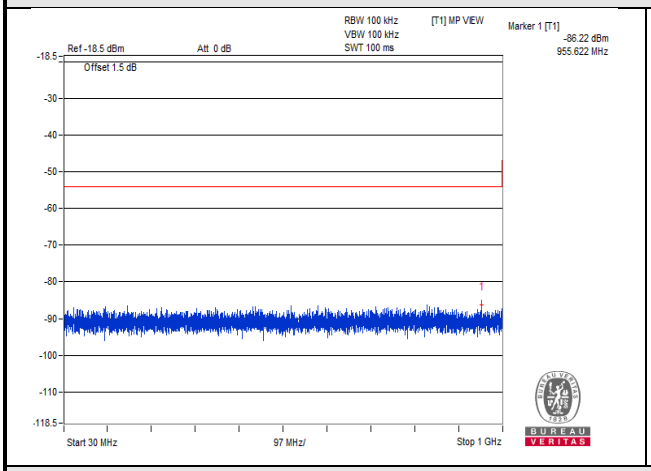
CH 36 (5180MHz)

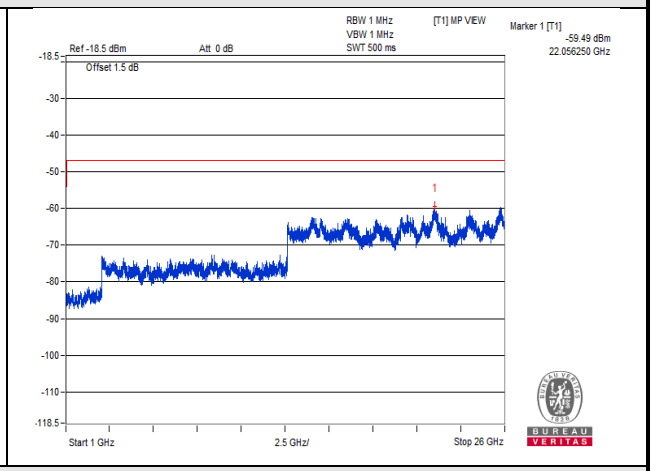
Vnormal



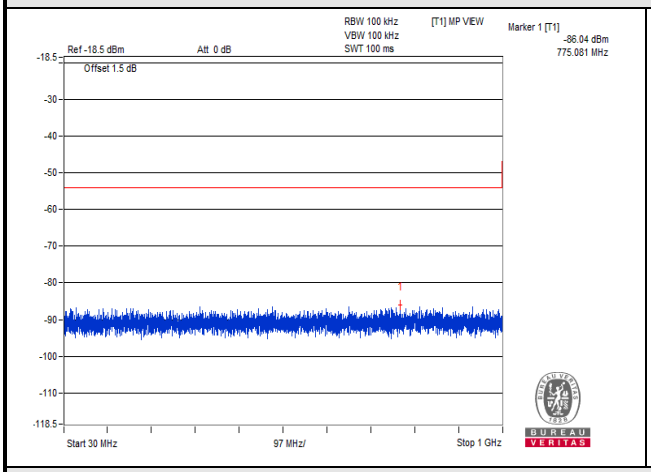


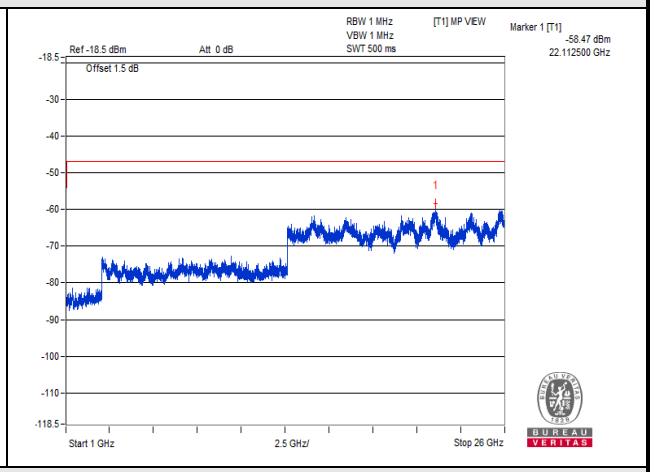
Vmax.





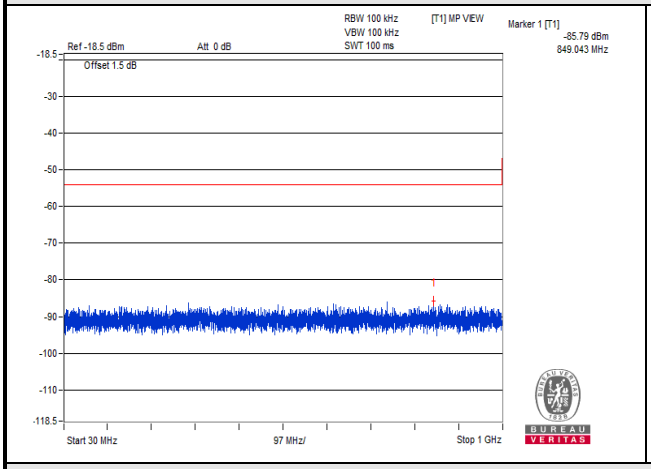
Vmin.

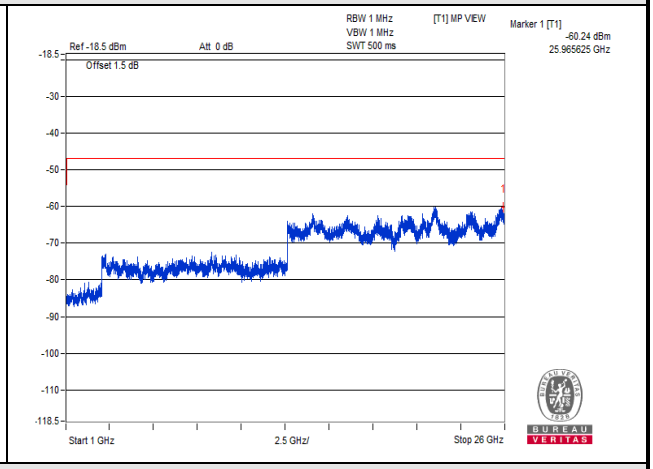




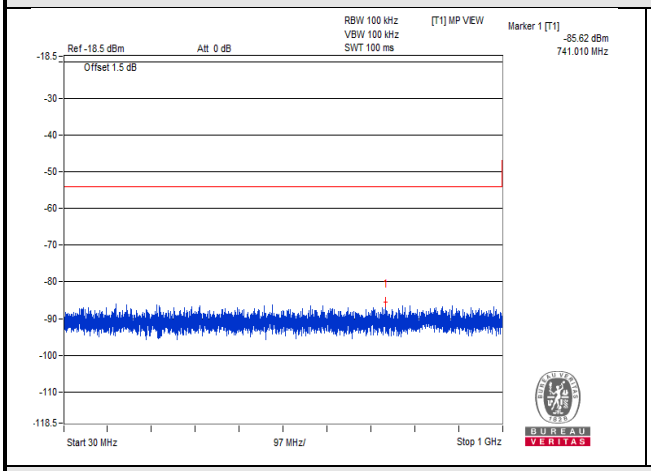
CH 48 (5240MHz)

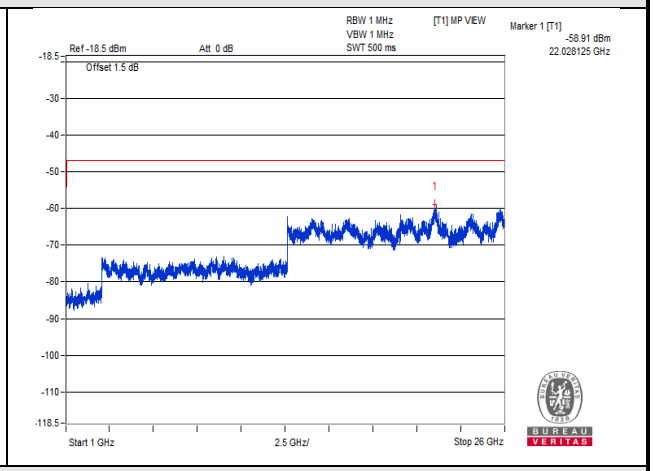
Vnormal



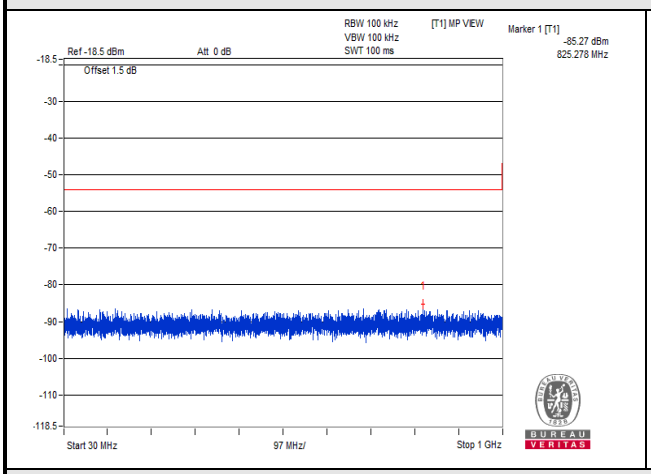


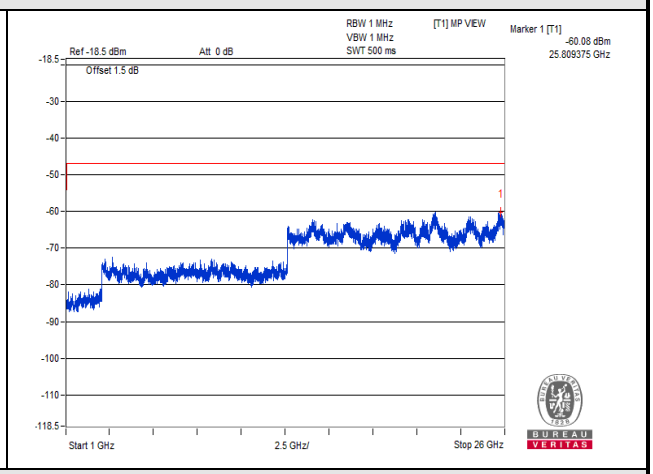
Vmax.





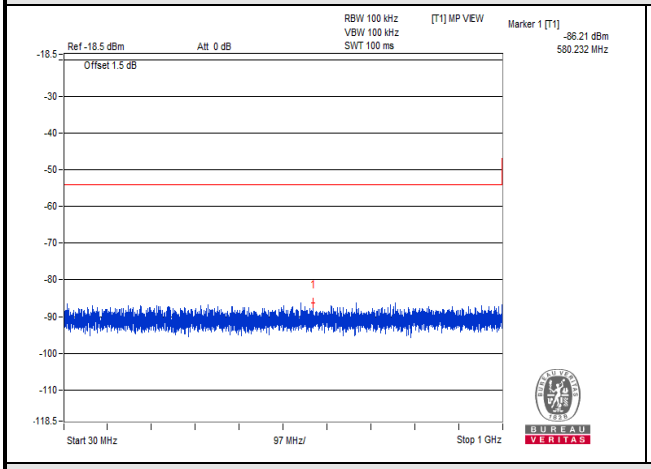
Vmin.

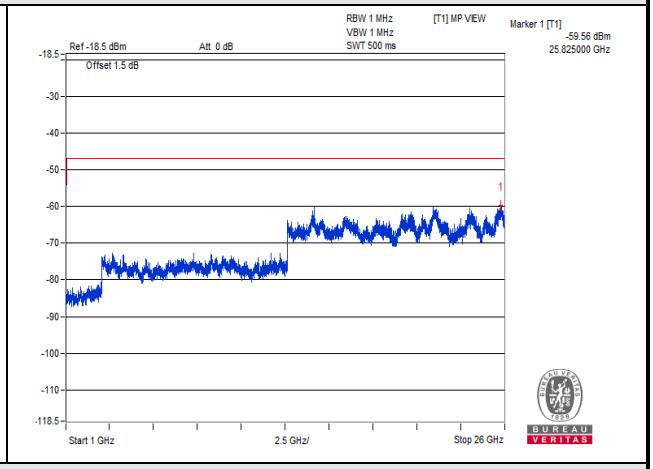




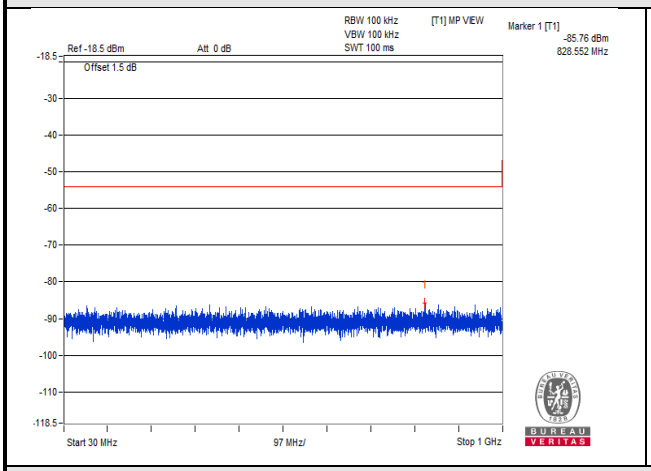
CH 52 (5260MHz)

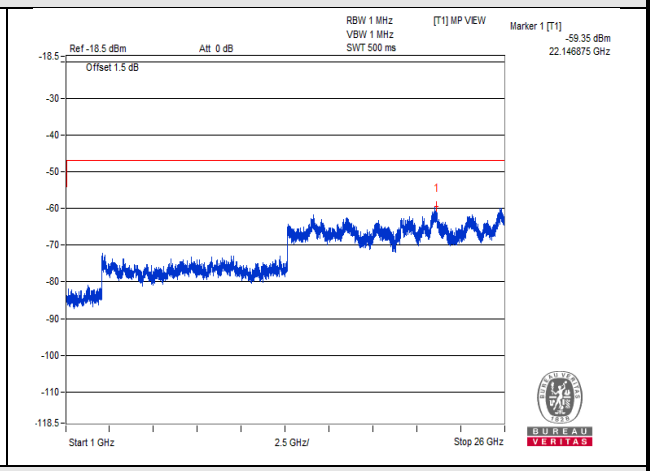
Vnormal



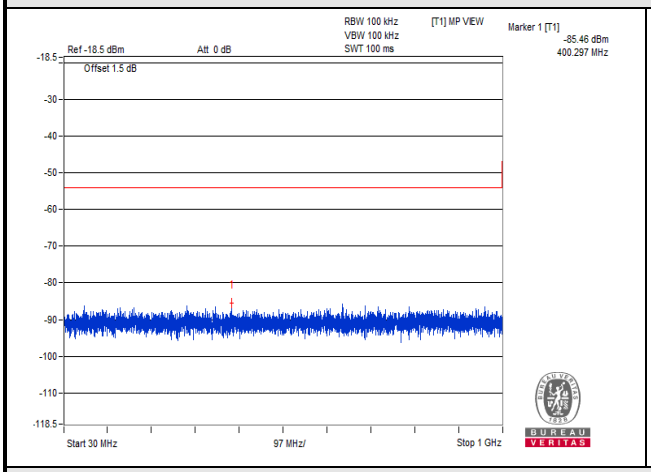


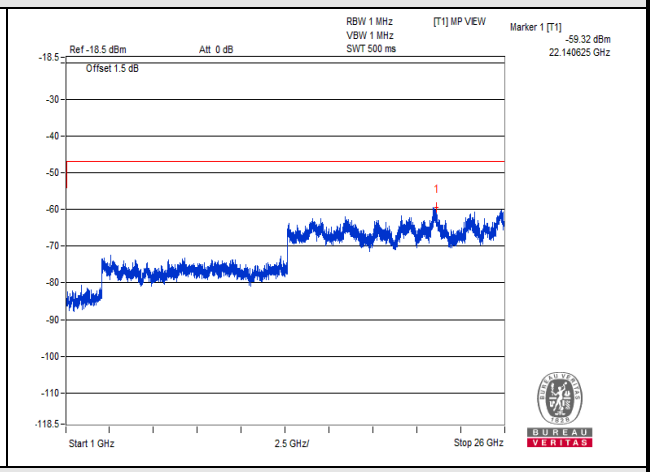
Vmax.





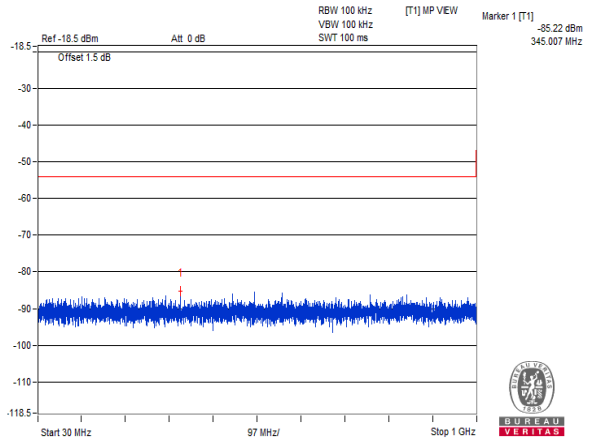
Vmin.

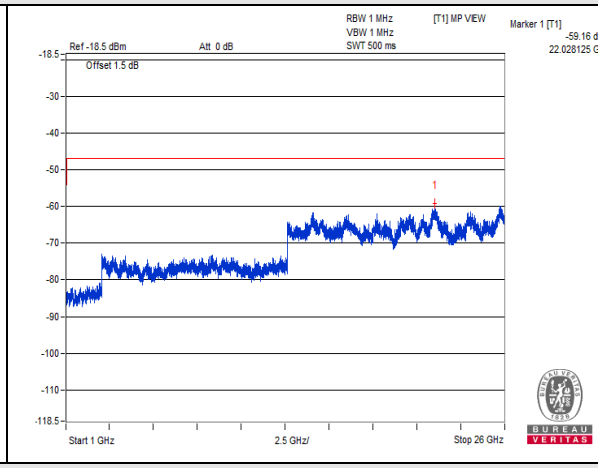




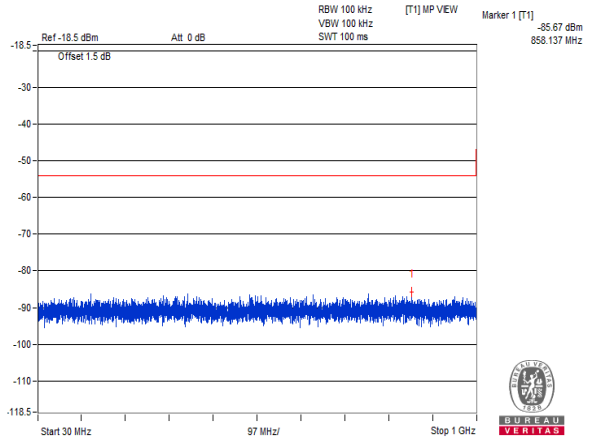
CH 64 (5320MHz)

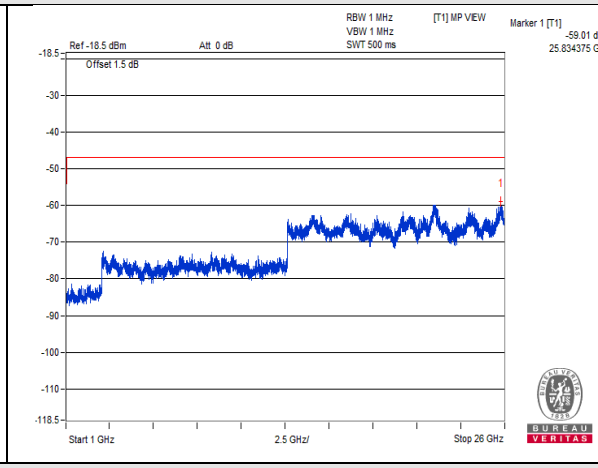
Vnormal



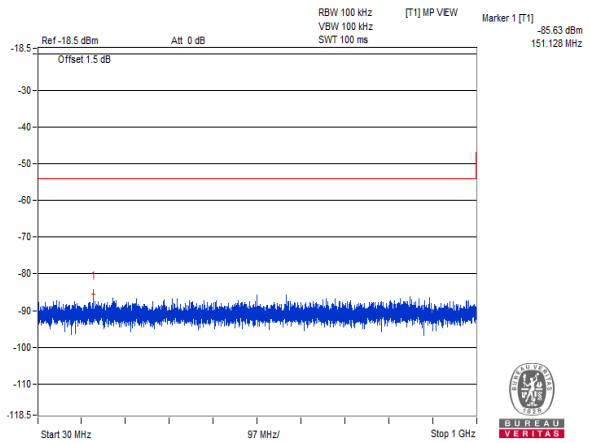


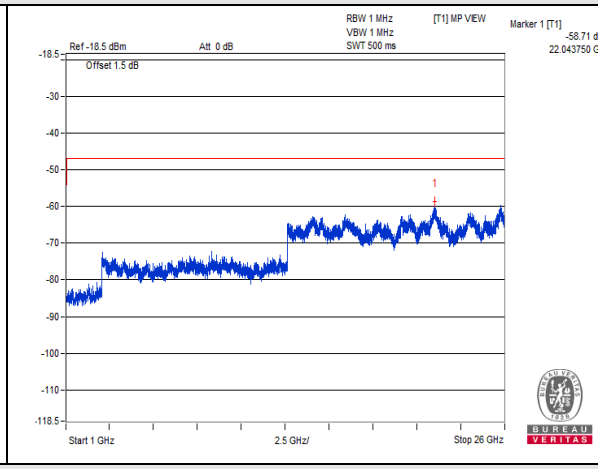
Vmax.





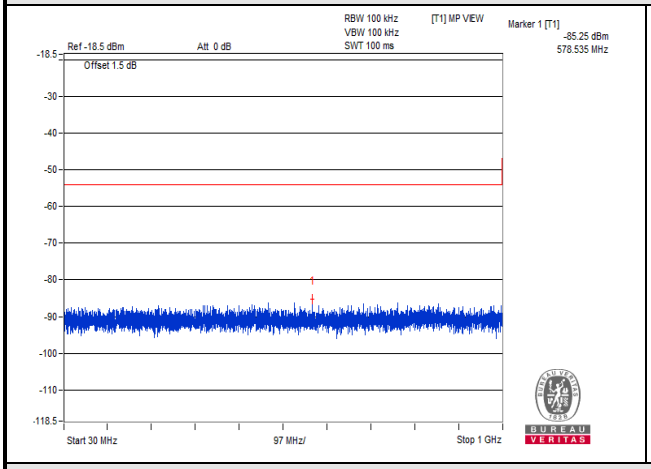
Vmin.

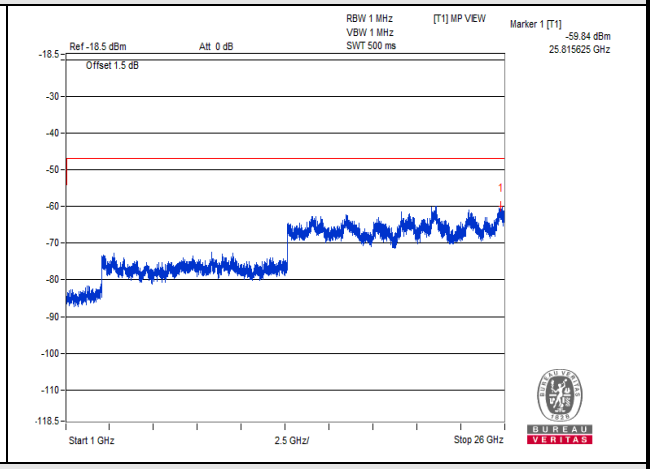




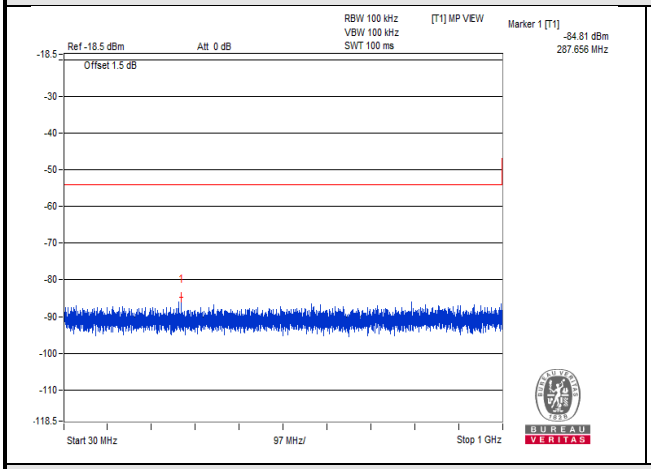
CH 100 (5500MHz)

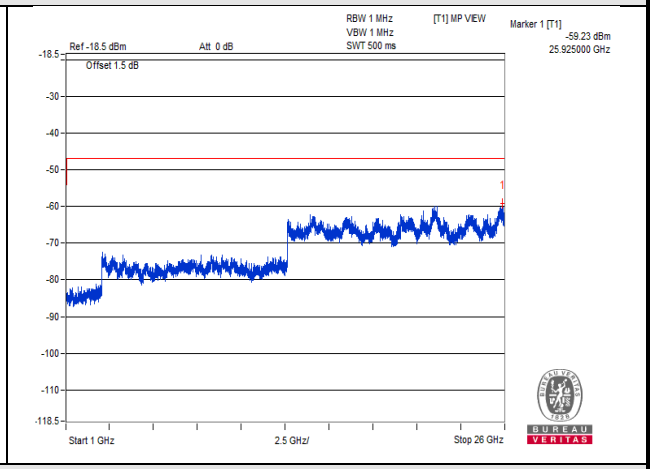
Vnormal



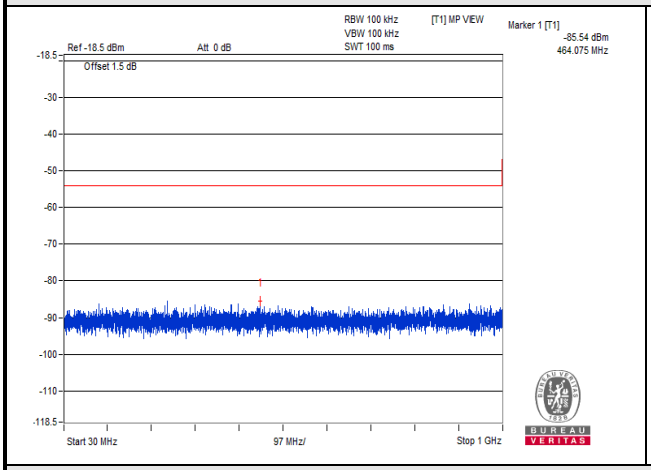


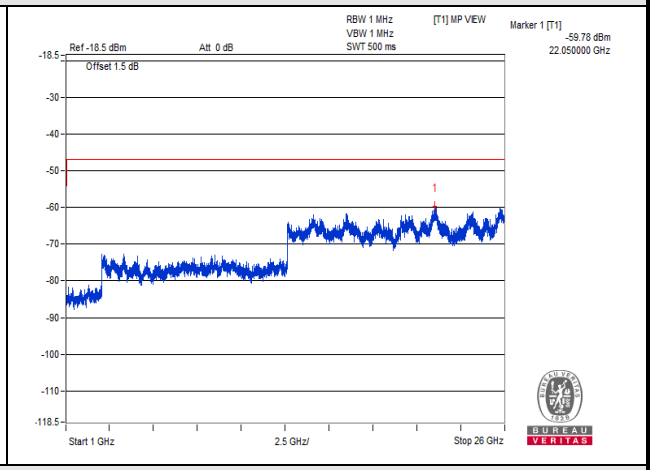
Vmax.





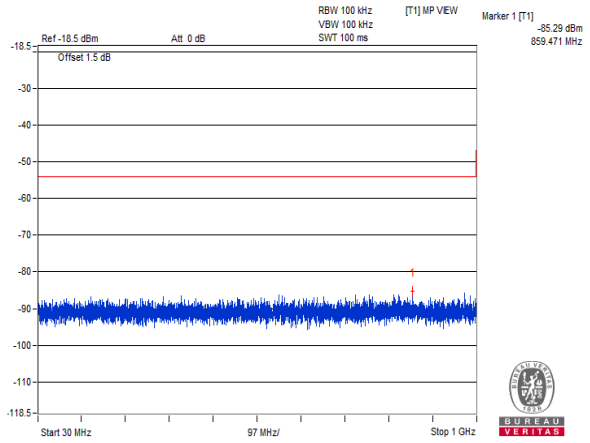
Vmin.

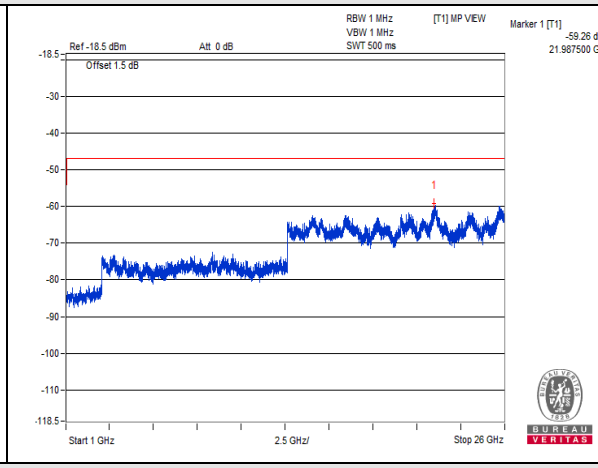




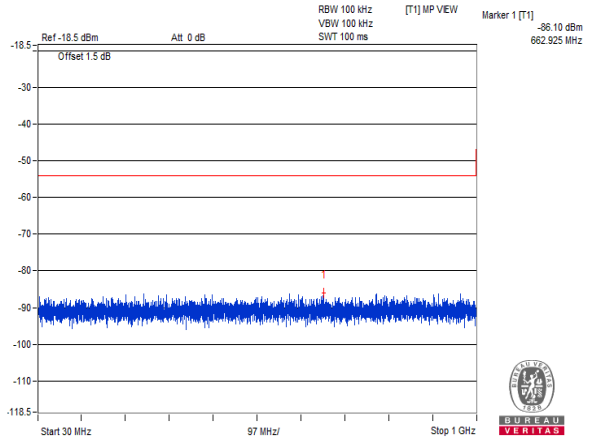
CH 120 (5600MHz)

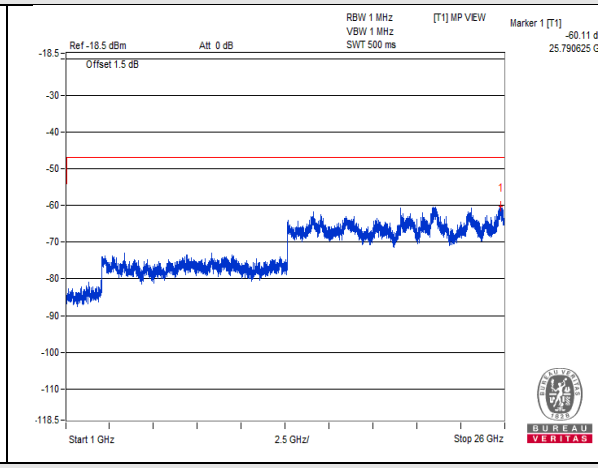
Vnormal



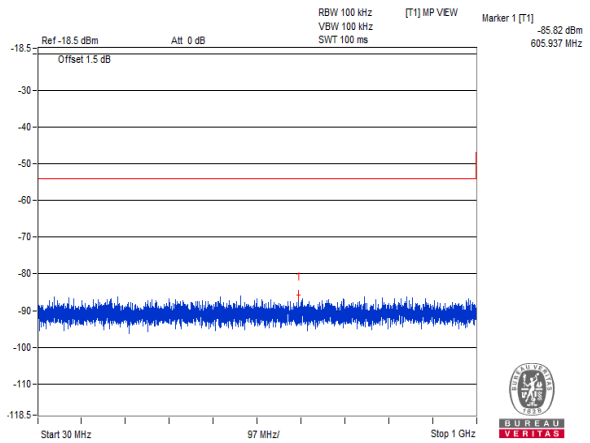


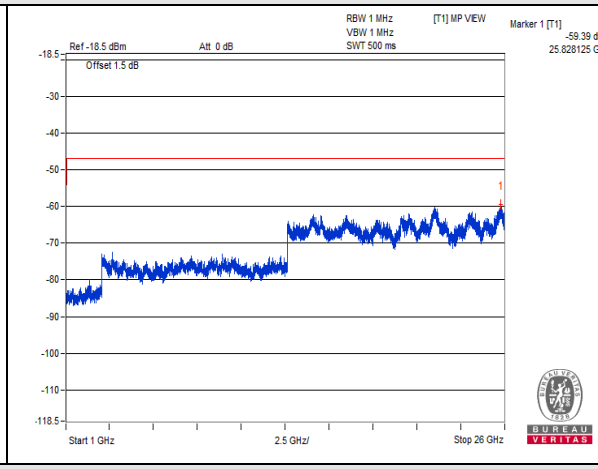
Vmax.





Vmin.





CH 144 (5720MHz)

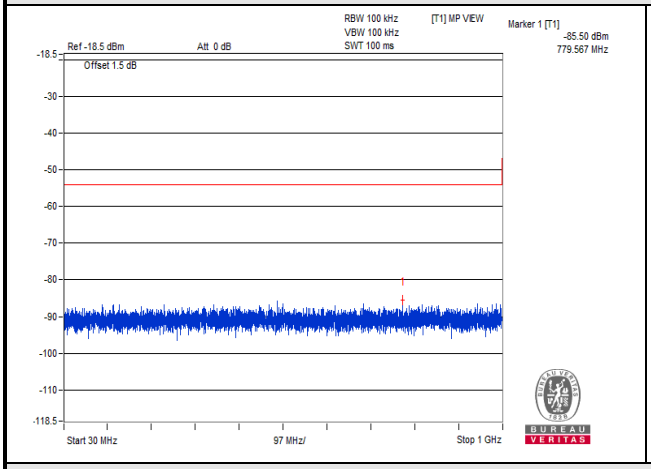
802.11ax (HE40)

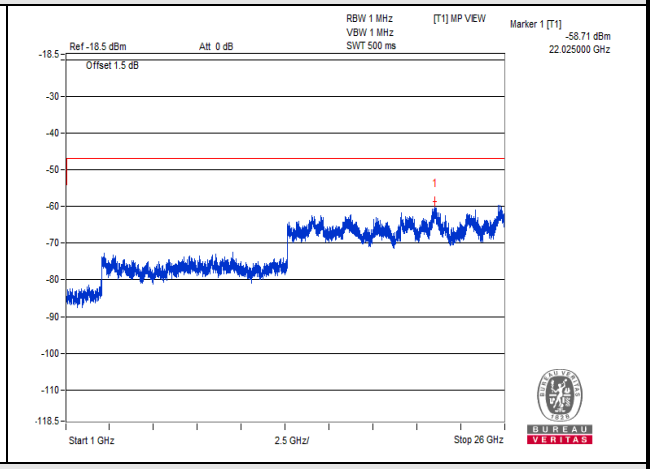
Chain A

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	779.567	0.002818	4.0	PASS
	1000.0 to 26000.0	22025.000	1.345860	20.0	PASS
$V_{max.}$	30.0 to 1000.0	722.337	0.002793	4.0	PASS
	1000.0 to 26000.0	25768.750	1.409289	20.0	PASS
$V_{min.}$	30.0 to 1000.0	345.007	0.002606	4.0	PASS
	1000.0 to 26000.0	25825.000	1.172195	20.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	964.352	0.002588	4.0	PASS
	1000.0 to 26000.0	22015.625	1.148154	20.0	PASS
$V_{max.}$	30.0 to 1000.0	373.743	0.002553	4.0	PASS
	1000.0 to 26000.0	22059.375	1.153453	20.0	PASS
$V_{min.}$	30.0 to 1000.0	997.211	0.003034	4.0	PASS
	1000.0 to 26000.0	22053.125	1.076465	20.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	155.857	0.002780	4.0	PASS
	1000.0 to 26000.0	22128.125	1.132400	20.0	PASS
$V_{max.}$	30.0 to 1000.0	883.842	0.002388	4.0	PASS
	1000.0 to 26000.0	25825.000	1.244515	20.0	PASS
$V_{min.}$	30.0 to 1000.0	849.165	0.002704	4.0	PASS
	1000.0 to 26000.0	25778.125	1.188502	20.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	113.783	0.002844	4.0	PASS
	1000.0 to 26000.0	25828.125	1.088930	20.0	PASS
$V_{max.}$	30.0 to 1000.0	461.043	0.003090	4.0	PASS
	1000.0 to 26000.0	22043.750	1.119438	20.0	PASS
$V_{min.}$	30.0 to 1000.0	730.340	0.002618	4.0	PASS
	1000.0 to 26000.0	22021.875	1.559553	20.0	PASS

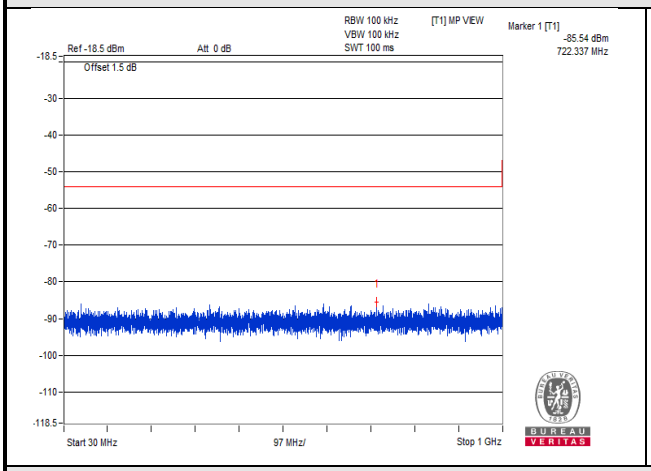
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	272.742	0.002339	4.0	PASS
	1000.0 to 26000.0	25884.375	1.180321	20.0	PASS
$V_{max.}$	30.0 to 1000.0	62.495	0.002443	4.0	PASS
	1000.0 to 26000.0	22006.250	1.202264	20.0	PASS
$V_{min.}$	30.0 to 1000.0	373.501	0.003020	4.0	PASS
	1000.0 to 26000.0	22081.250	1.396368	20.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	857.773	0.002965	4.0	PASS
	1000.0 to 26000.0	25837.500	1.573983	20.0	PASS
$V_{max.}$	30.0 to 1000.0	782.113	0.002489	4.0	PASS
	1000.0 to 26000.0	25800.000	1.088930	20.0	PASS
$V_{min.}$	30.0 to 1000.0	700.027	0.002723	4.0	PASS
	1000.0 to 26000.0	25775.000	1.702159	20.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	276.743	0.003027	4.0	PASS
	1000.0 to 26000.0	25809.375	1.169499	20.0	PASS
$V_{max.}$	30.0 to 1000.0	458.376	0.002891	4.0	PASS
	1000.0 to 26000.0	25828.125	1.282331	20.0	PASS
$V_{min.}$	30.0 to 1000.0	56.432	0.002223	4.0	PASS
	1000.0 to 26000.0	25784.375	1.172195	20.0	PASS

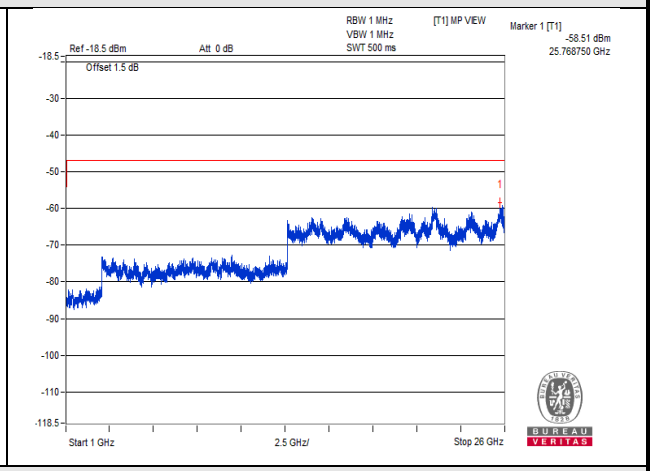
Vnormal



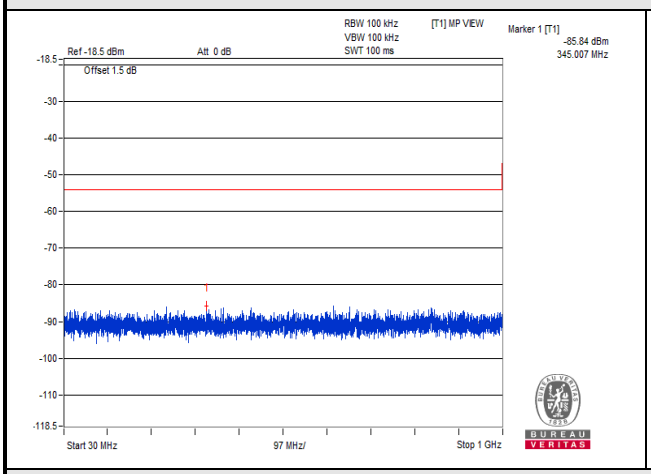


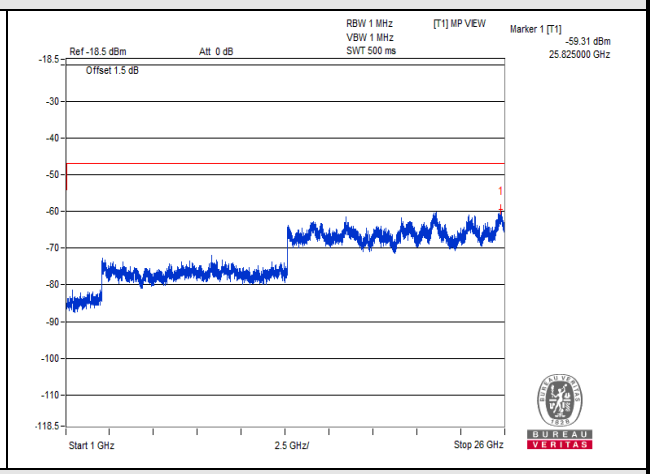
Vmax.





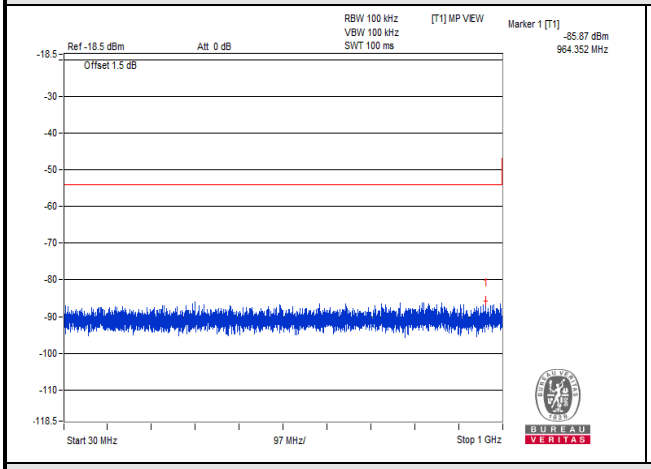
Vmin.

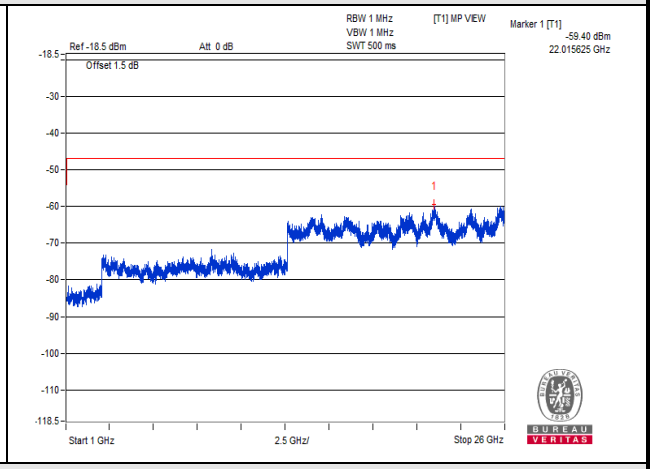




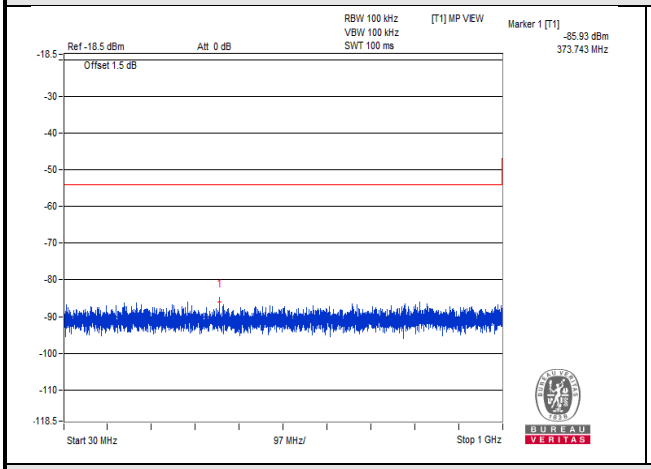
CH 38 (5190MHz)

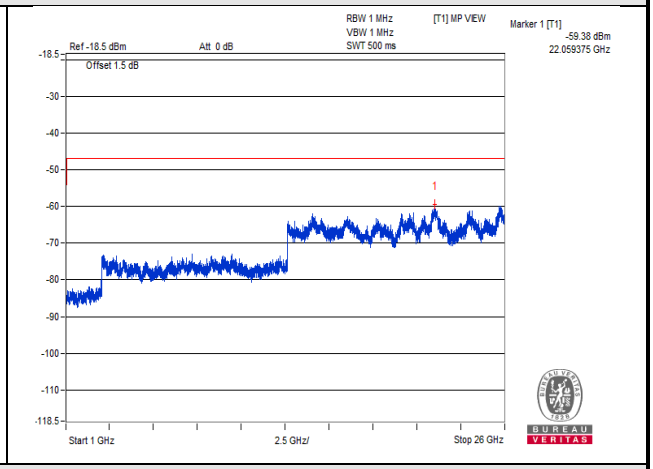
Vnormal



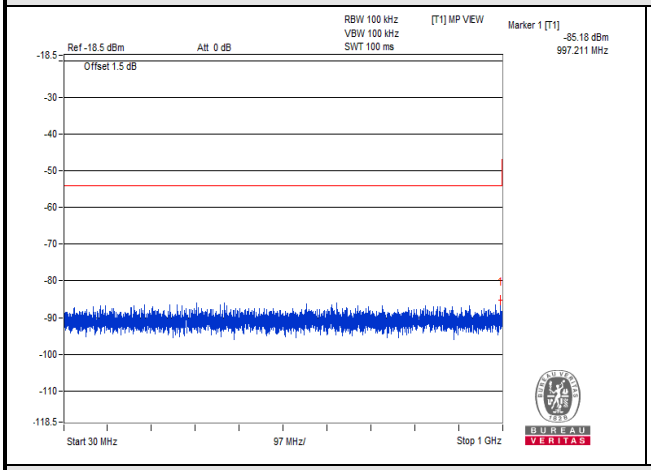


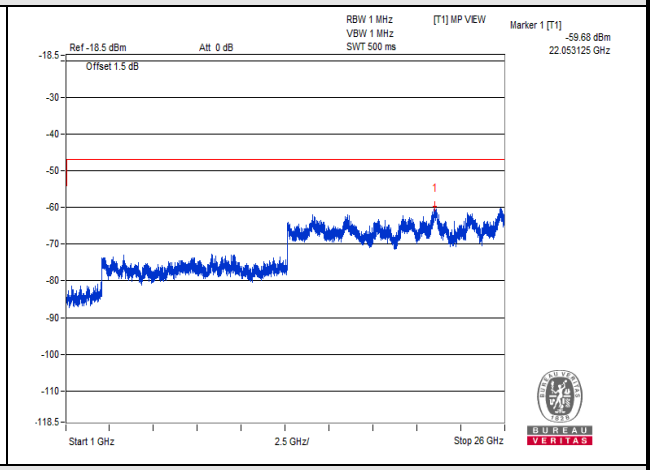
Vmax.





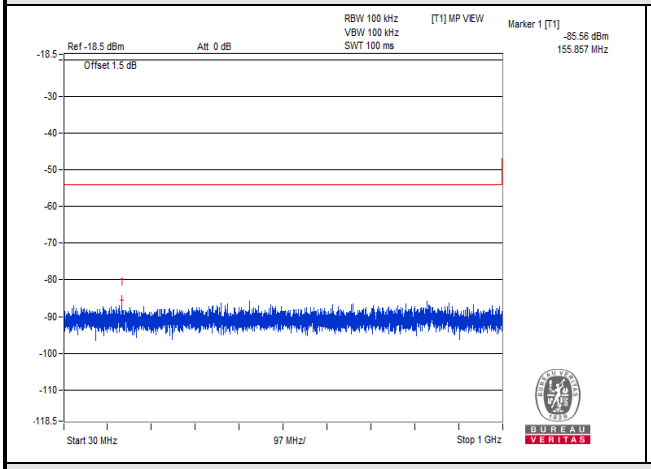
Vmin.

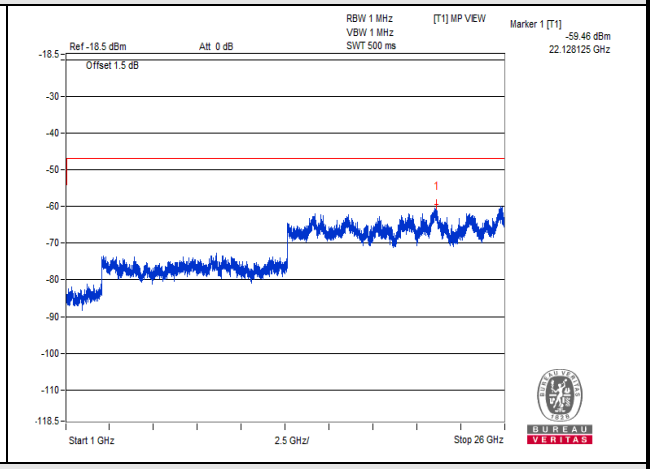




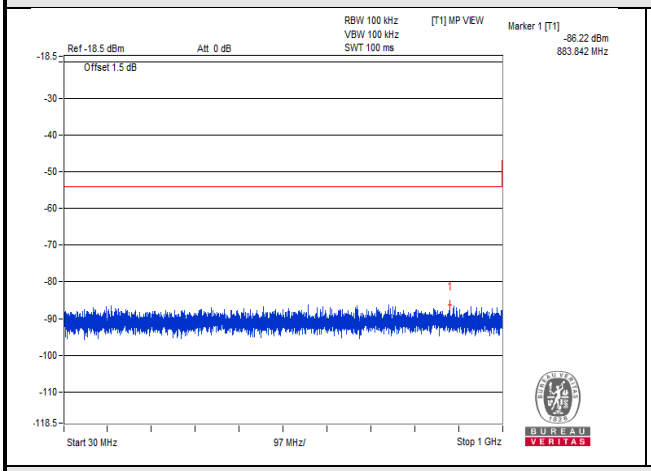
CH 46 (5230MHz)

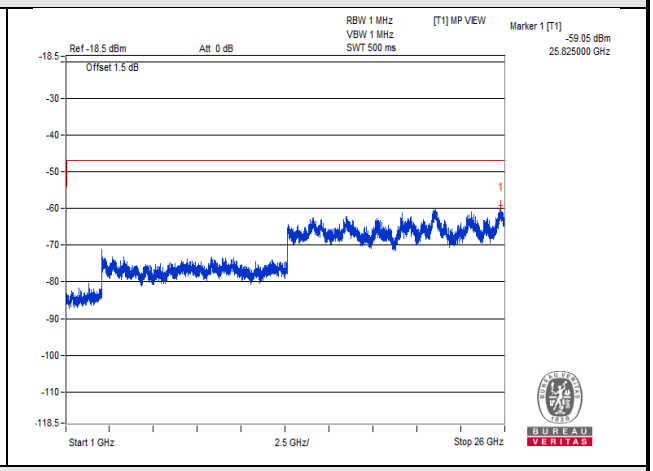
Vnormal



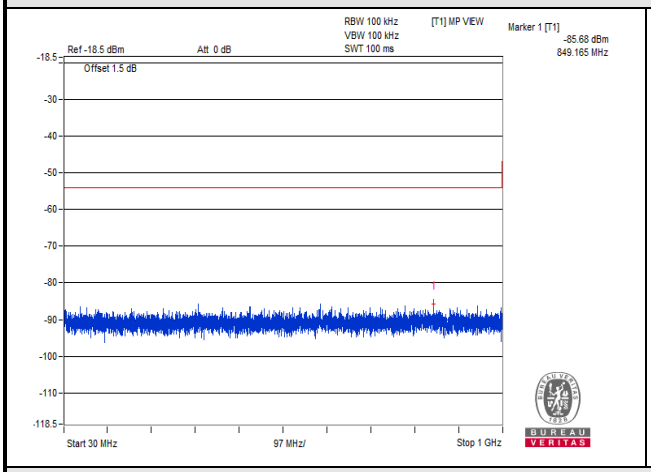


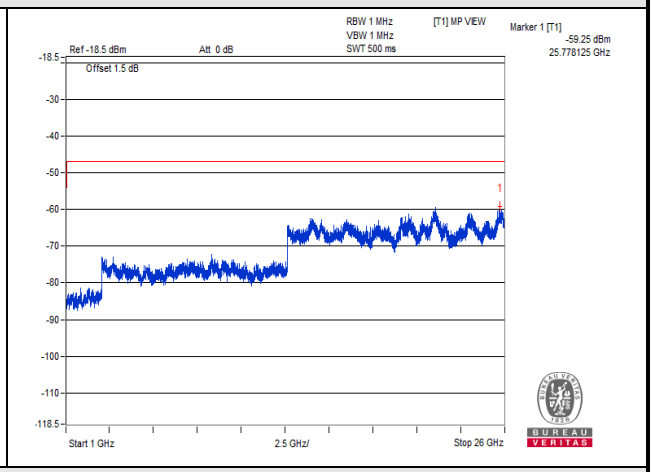
Vmax.





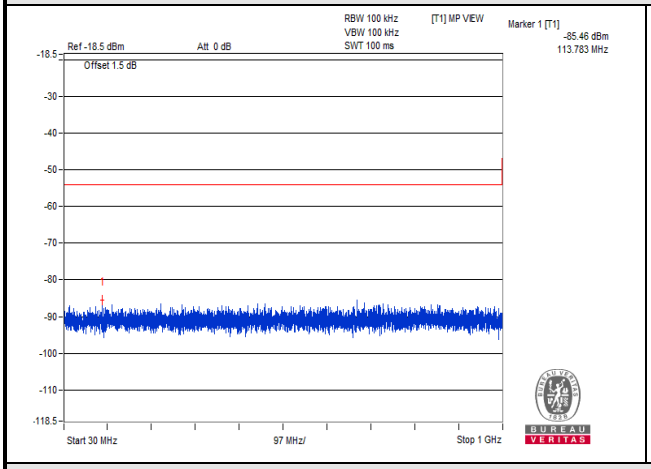
Vmin.

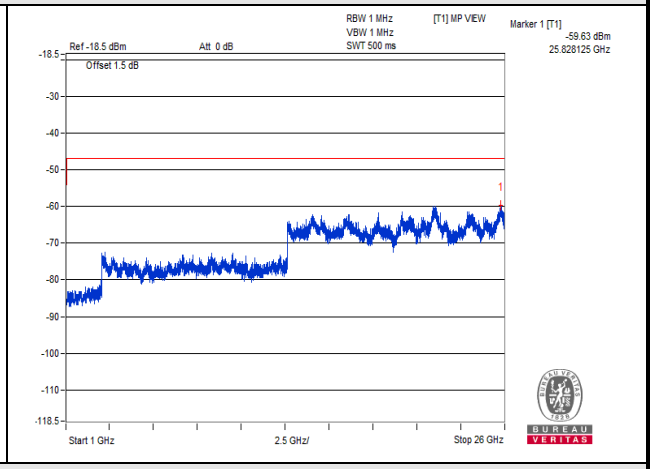




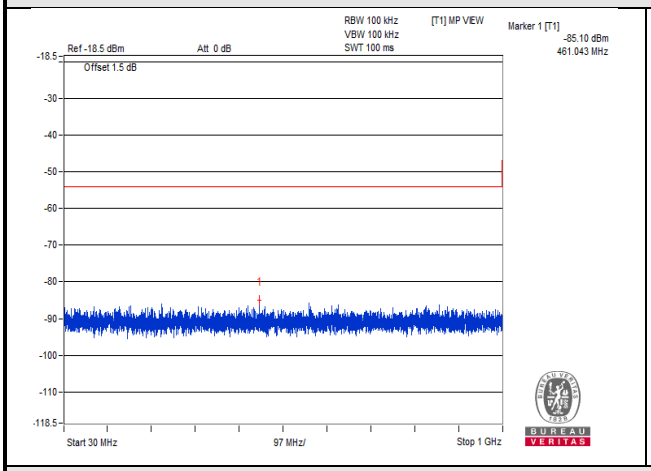
CH 54 (5270MHz)

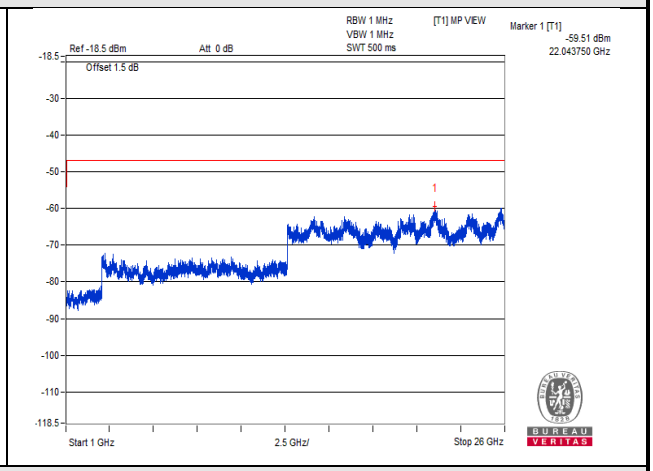
Vnormal



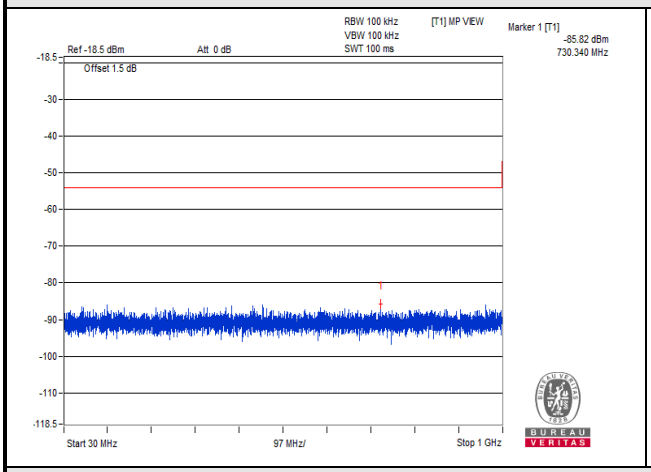


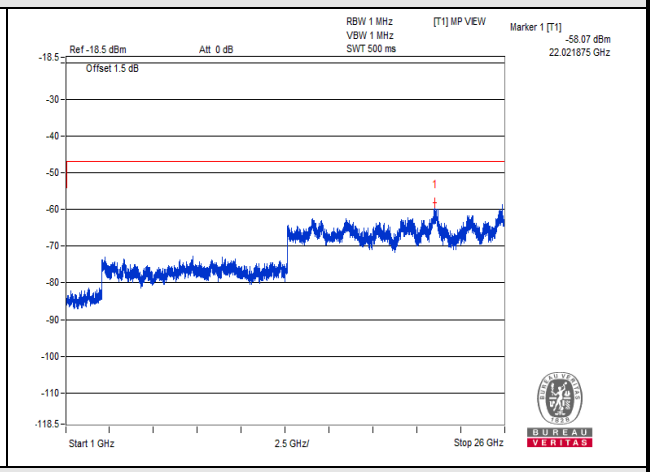
Vmax.





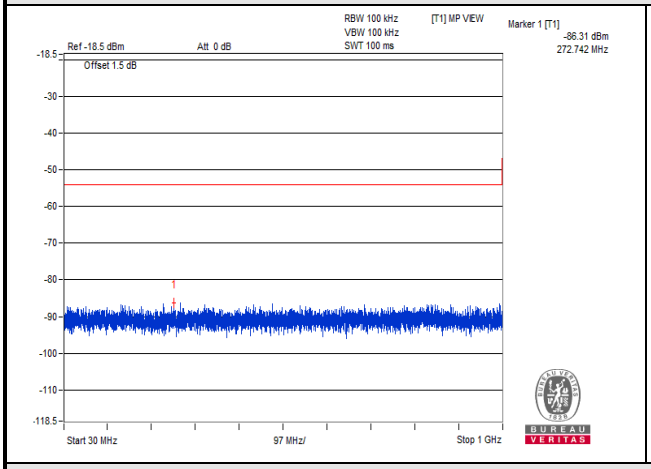
Vmin.

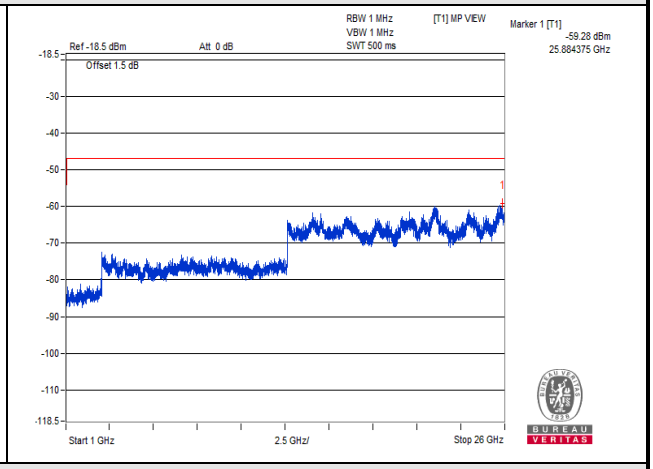




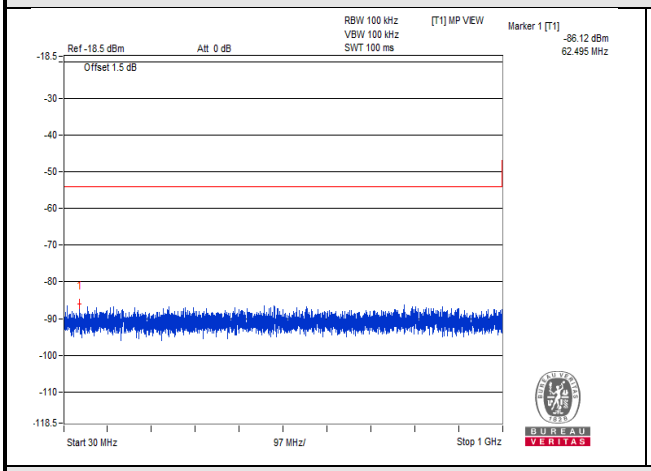
CH 62 (5310MHz)

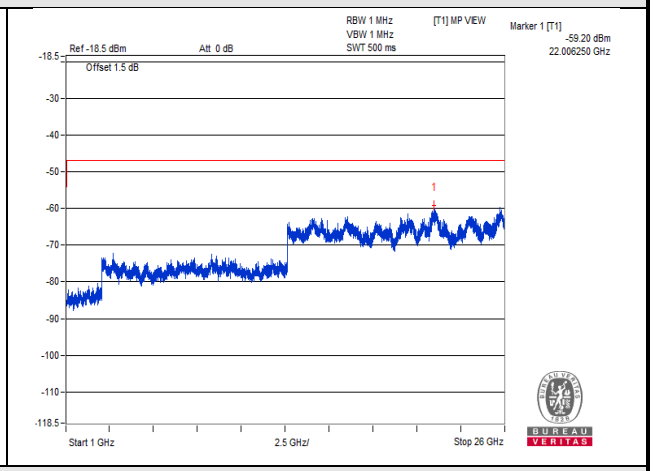
Vnormal



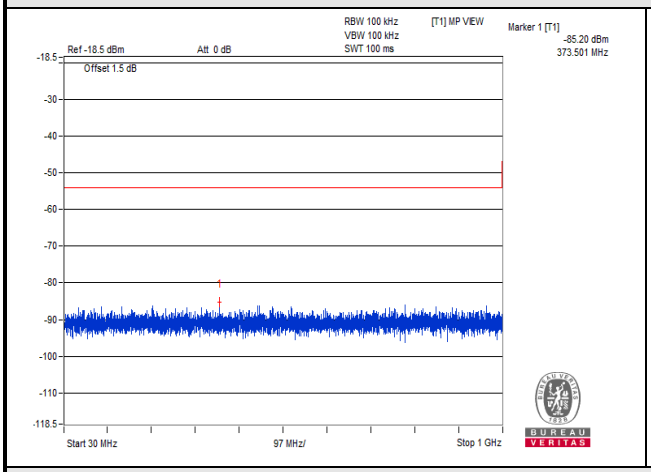


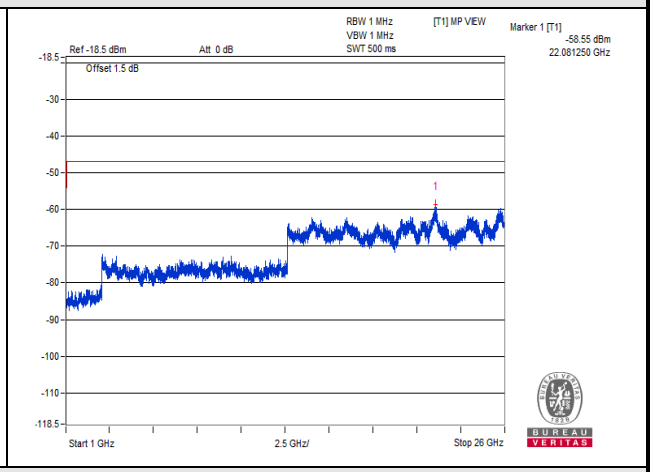
Vmax.





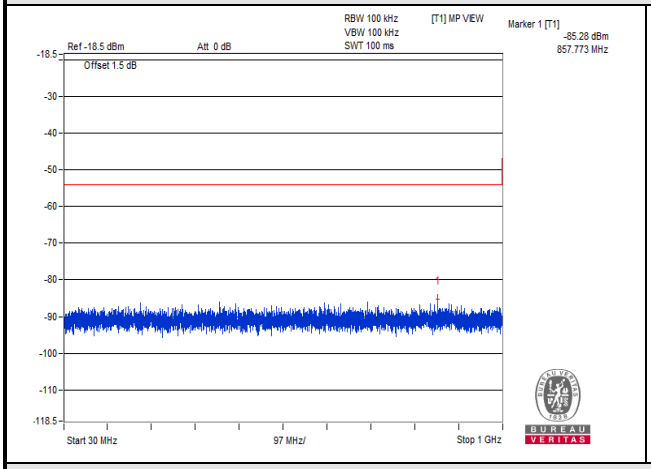
Vmin.

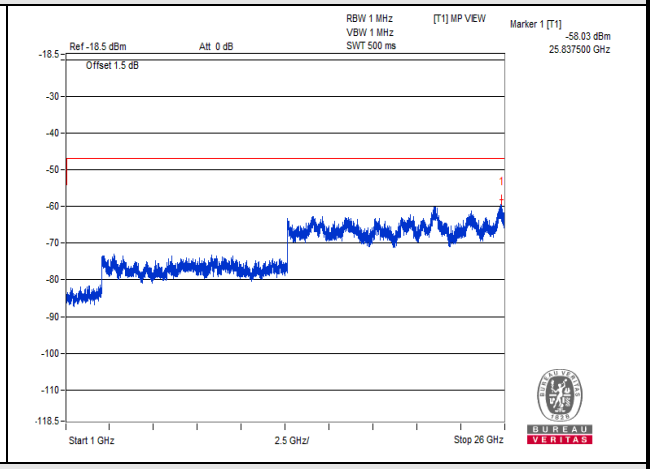




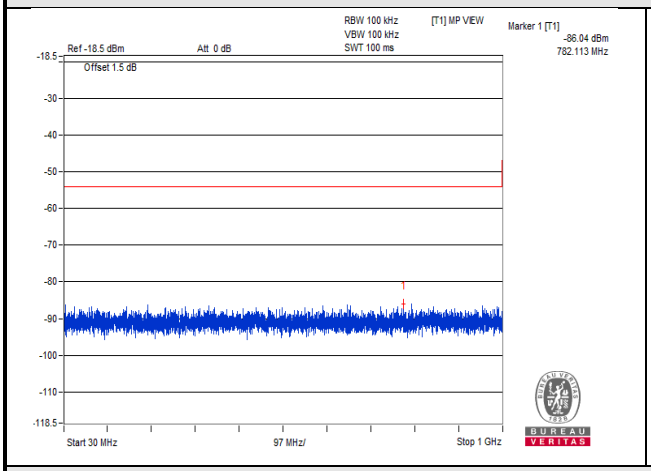
CH 102 (5510MHz)

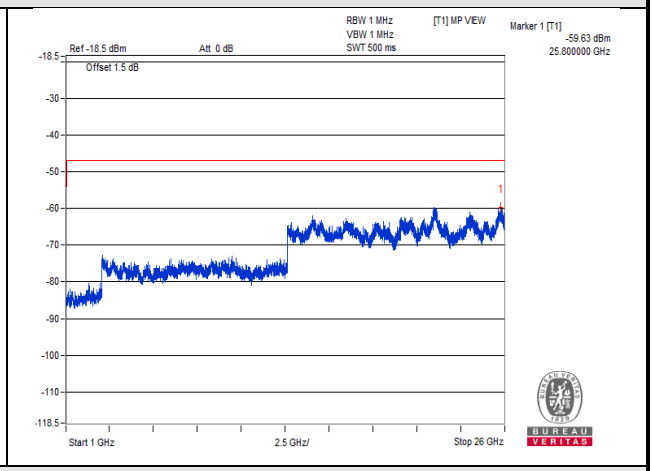
Vnormal



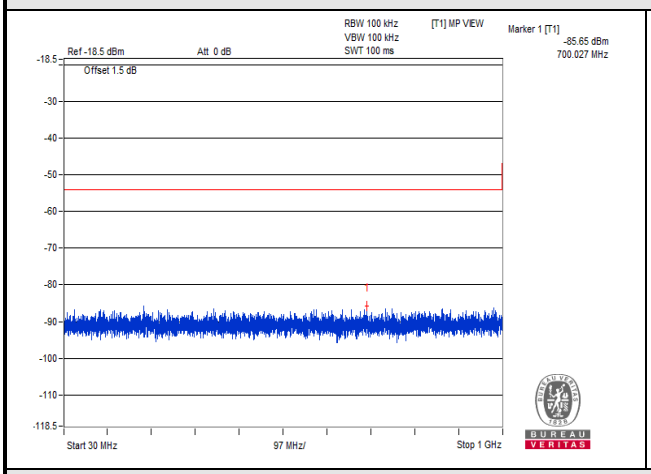


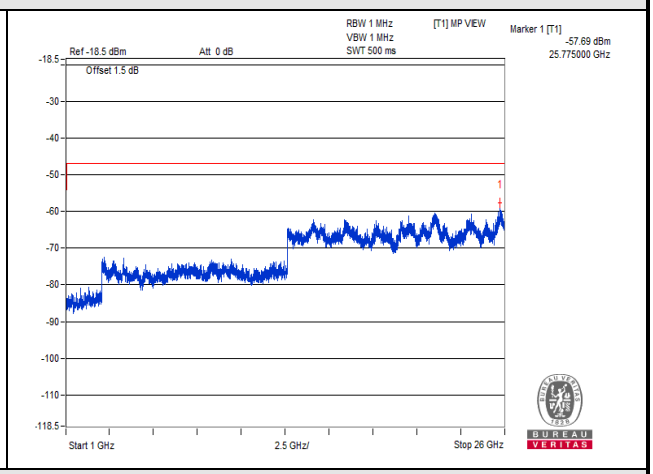
Vmax.





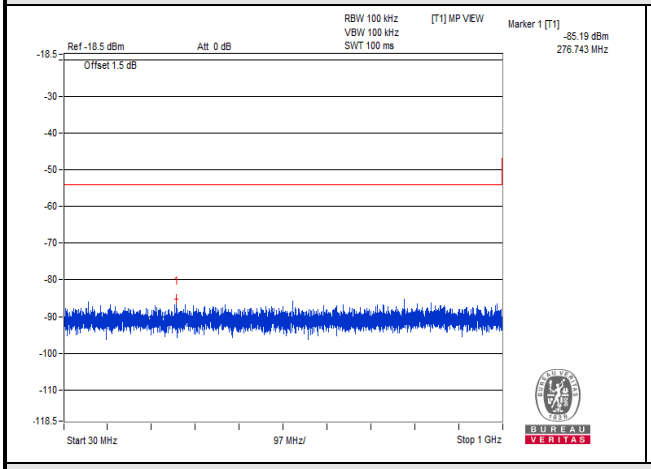
Vmin.

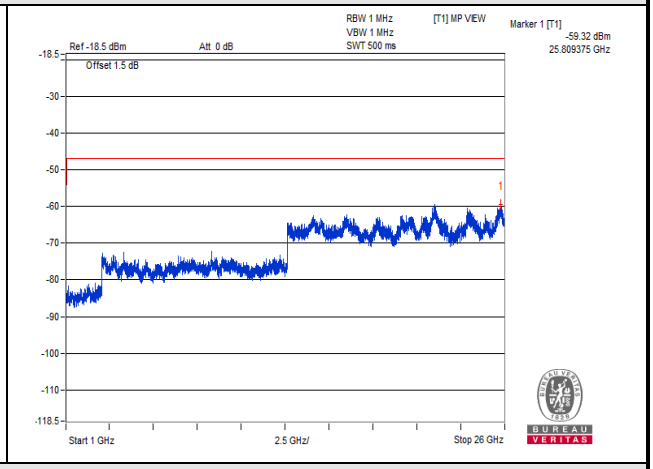




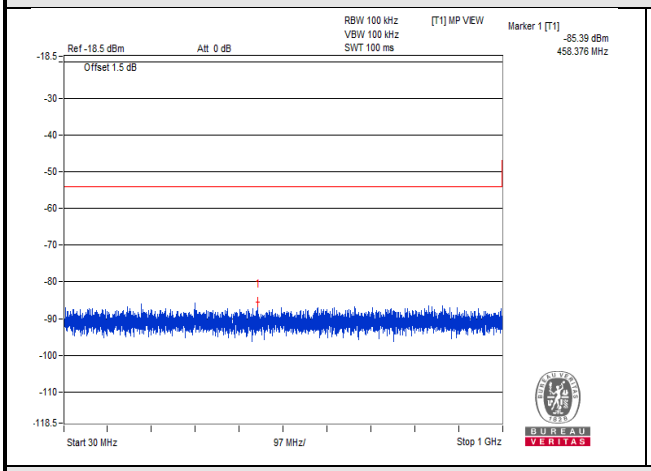
CH 118 (5590MHz)

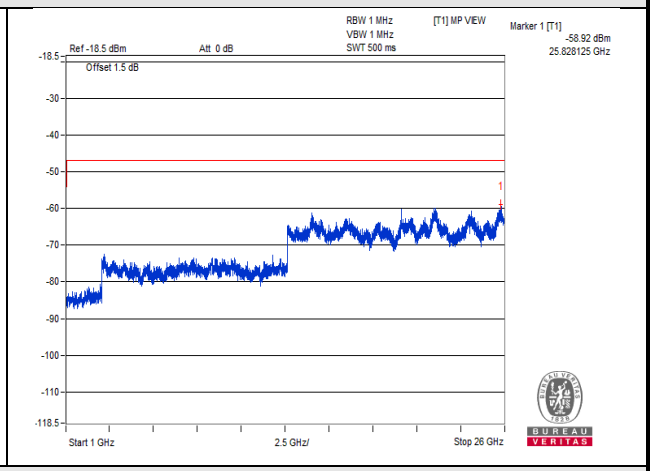
Vnormal



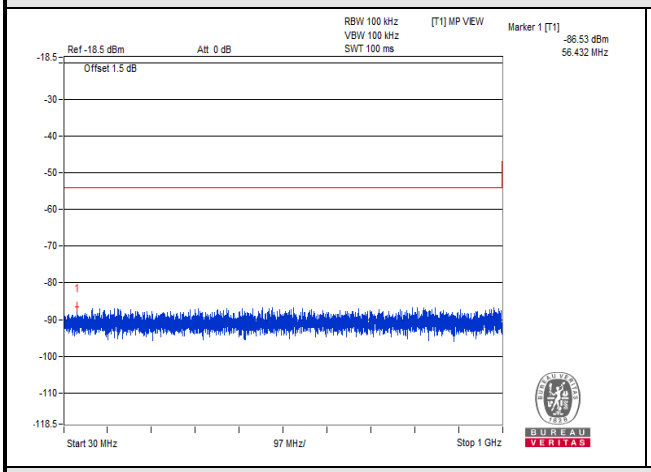


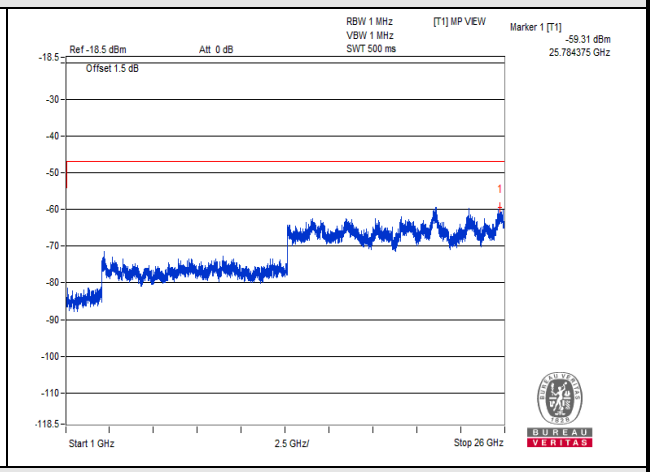
Vmax.





Vmin.





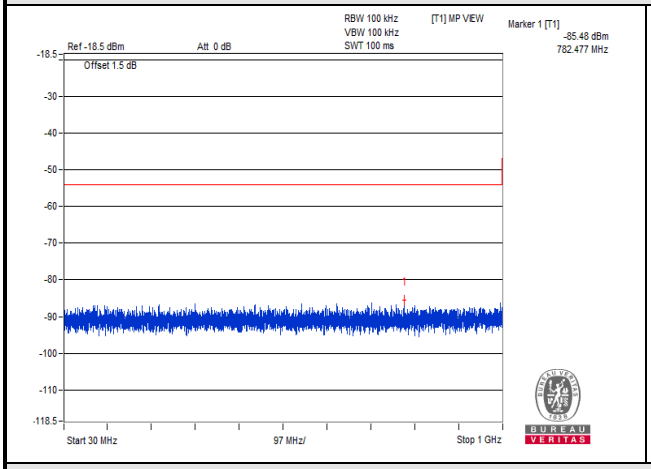
CH 142 (5710MHz)

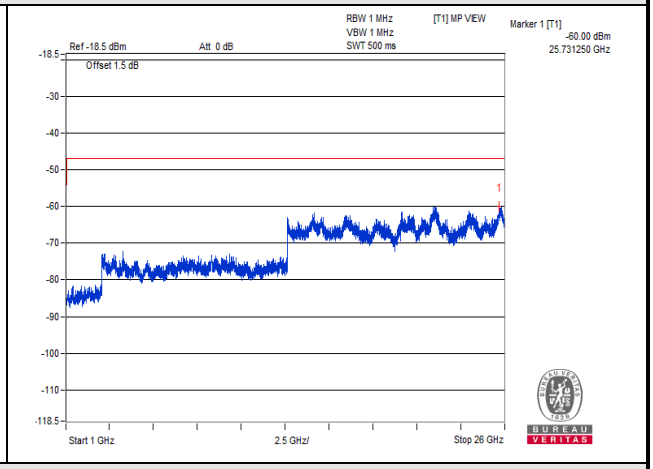
802.11ax (HE80)

Chain A

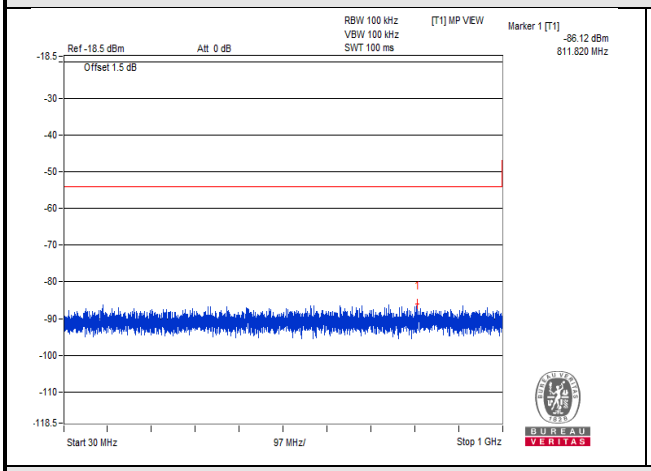
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	782.477	0.002831	4.0	PASS
	1000.0 to 26000.0	25731.250	1.000000	20.0	PASS
$V_{max.}$	30.0 to 1000.0	811.820	0.002443	4.0	PASS
	1000.0 to 26000.0	25762.500	1.352073	20.0	PASS
$V_{min.}$	30.0 to 1000.0	478.018	0.002307	4.0	PASS
	1000.0 to 26000.0	25790.625	1.164126	20.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	756.287	0.002742	4.0	PASS
	1000.0 to 26000.0	25778.125	1.169499	20.0	PASS
$V_{max.}$	30.0 to 1000.0	273.348	0.002600	4.0	PASS
	1000.0 to 26000.0	22128.125	1.145513	20.0	PASS
$V_{min.}$	30.0 to 1000.0	900.696	0.002547	4.0	PASS
	1000.0 to 26000.0	25856.250	0.961612	20.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	628.126	0.003148	4.0	PASS
	1000.0 to 26000.0	21981.250	1.086426	20.0	PASS
$V_{max.}$	30.0 to 1000.0	937.556	0.002355	4.0	PASS
	1000.0 to 26000.0	22100.000	1.188502	20.0	PASS
$V_{min.}$	30.0 to 1000.0	268.256	0.002541	4.0	PASS
	1000.0 to 26000.0	25793.750	1.180321	20.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	970.415	0.002911	4.0	PASS
	1000.0 to 26000.0	25753.125	1.091440	20.0	PASS
$V_{max.}$	30.0 to 1000.0	634.552	0.002388	4.0	PASS
	1000.0 to 26000.0	25843.750	0.961612	20.0	PASS
$V_{min.}$	30.0 to 1000.0	60.433	0.002564	4.0	PASS
	1000.0 to 26000.0	25881.250	1.233105	20.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	81.410	0.002716	4.0	PASS
	1000.0 to 26000.0	21959.375	1.096478	20.0	PASS
$V_{max.}$	30.0 to 1000.0	468.318	0.002704	4.0	PASS
	1000.0 to 26000.0	25825.000	0.981748	20.0	PASS
$V_{min.}$	30.0 to 1000.0	994.422	0.002600	4.0	PASS
	1000.0 to 26000.0	22068.750	1.270574	20.0	PASS

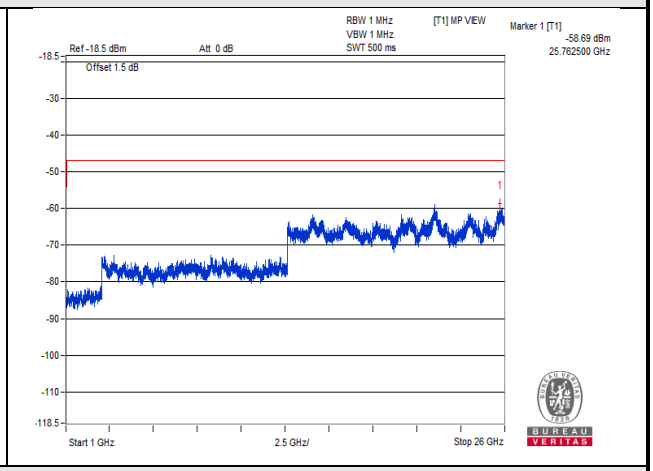
Vnormal



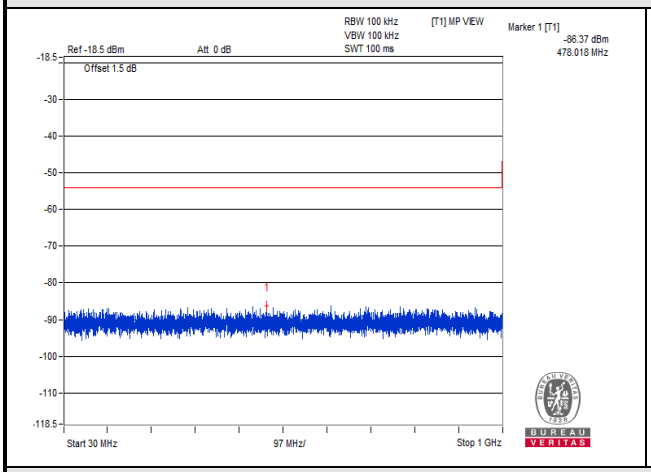


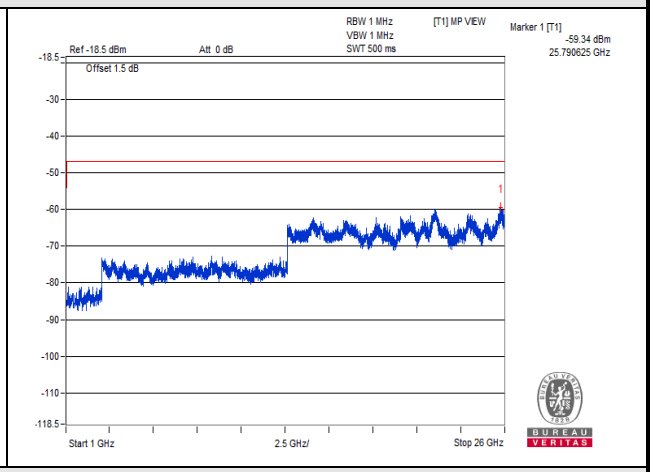
Vmax.





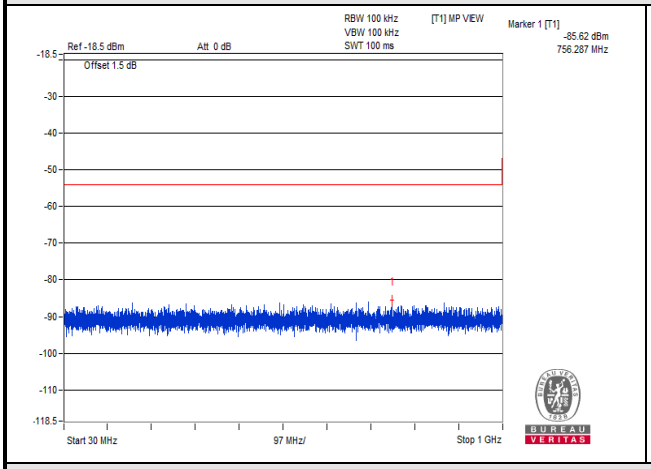
Vmin.

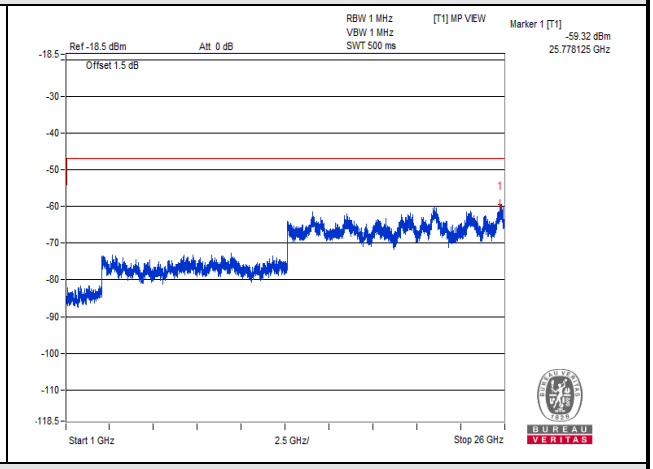




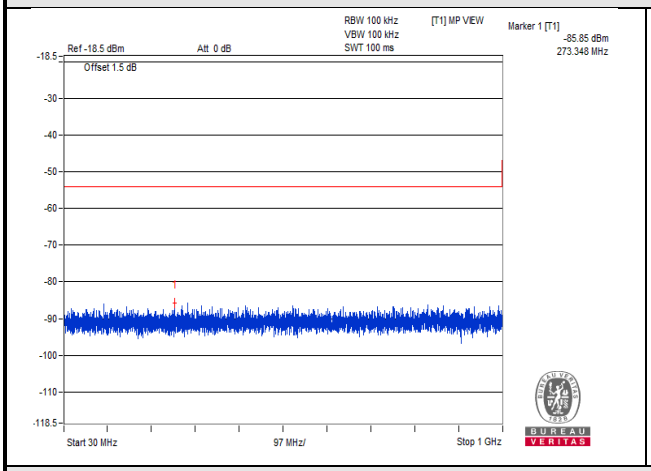
CH 42 (5210MHz)

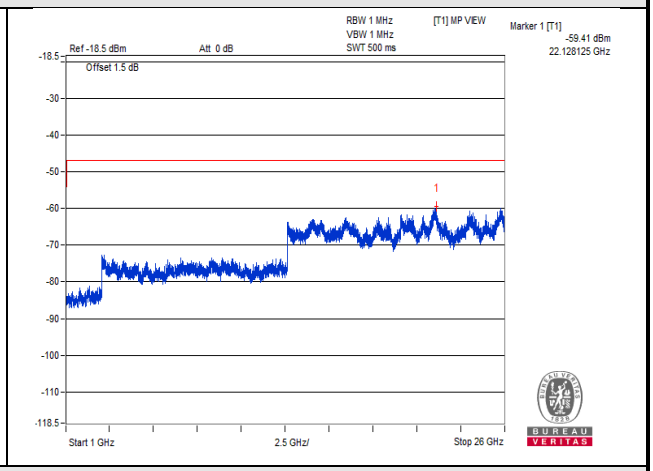
Vnormal



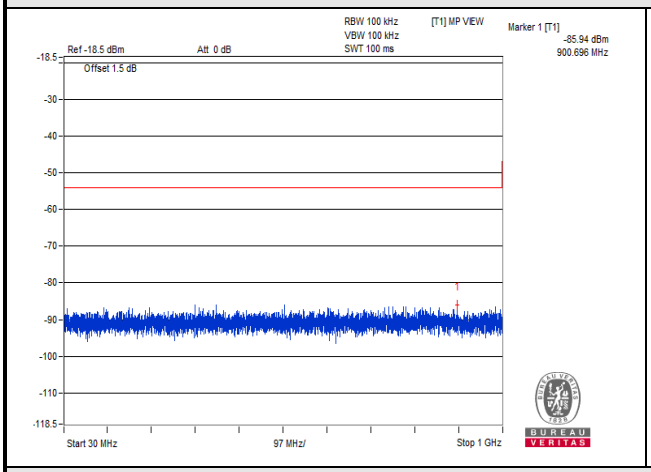


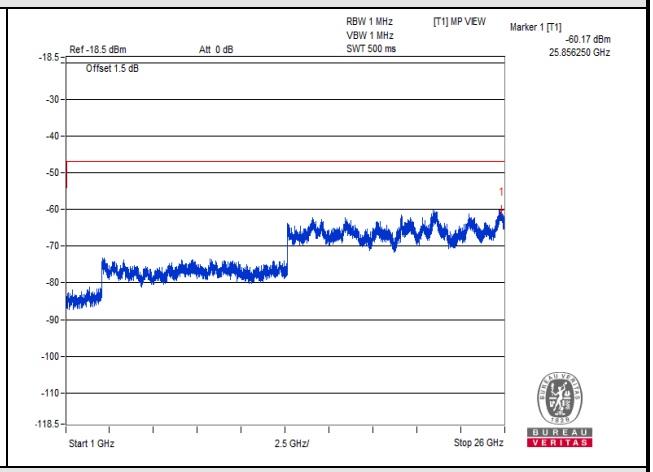
Vmax.





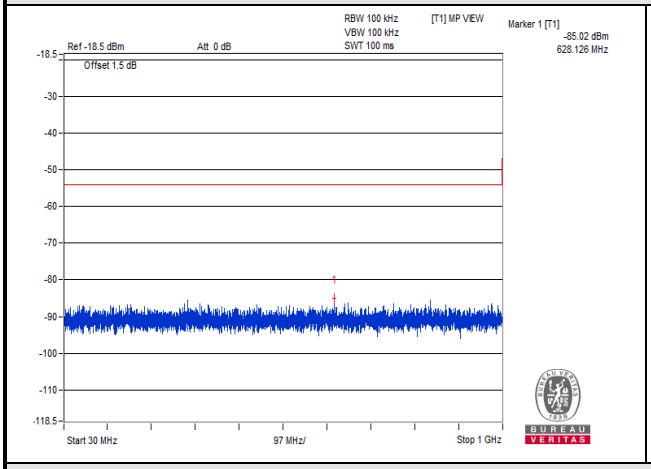
Vmin.

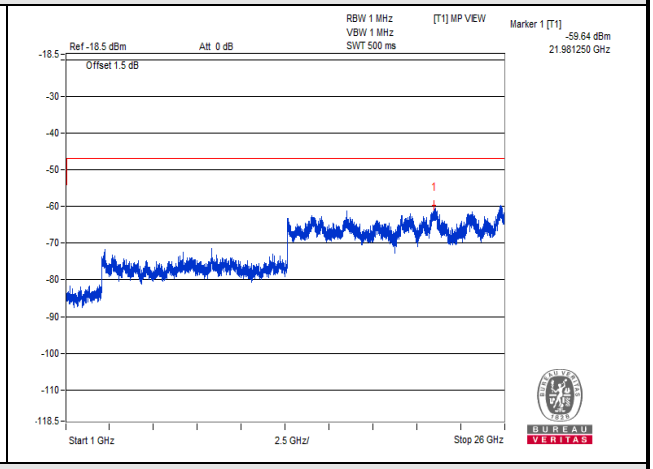




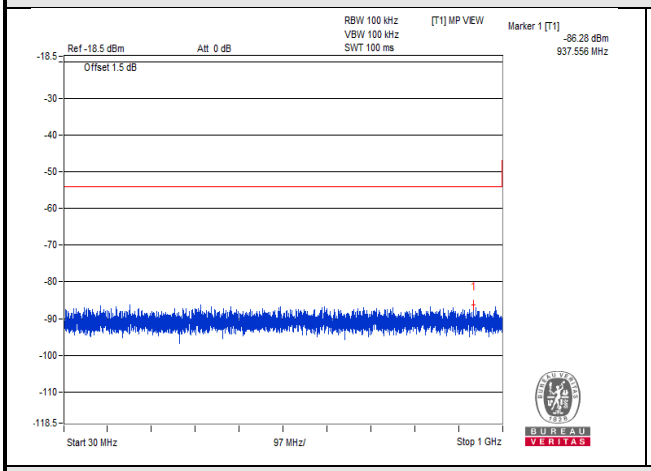
CH 58 (5290MHz)

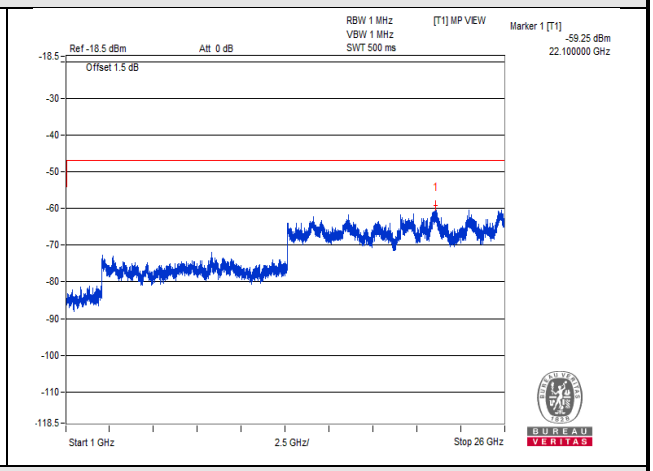
Vnormal



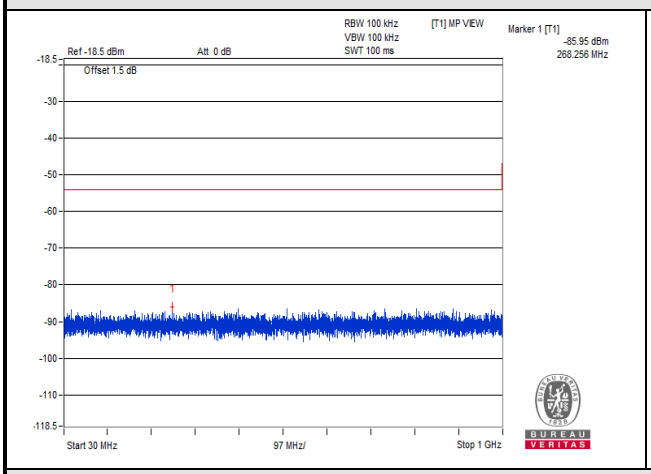


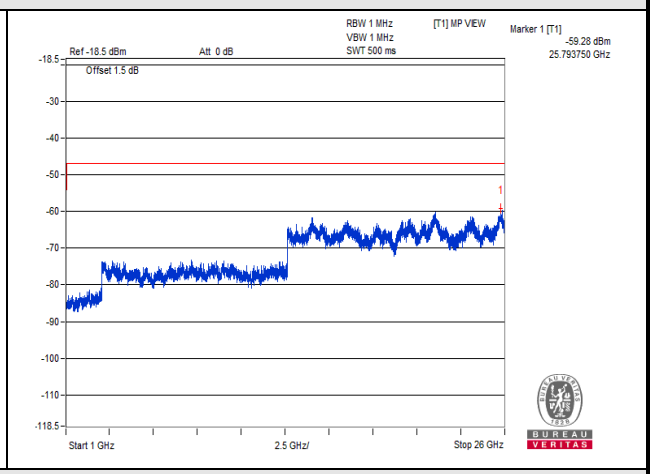
Vmax.





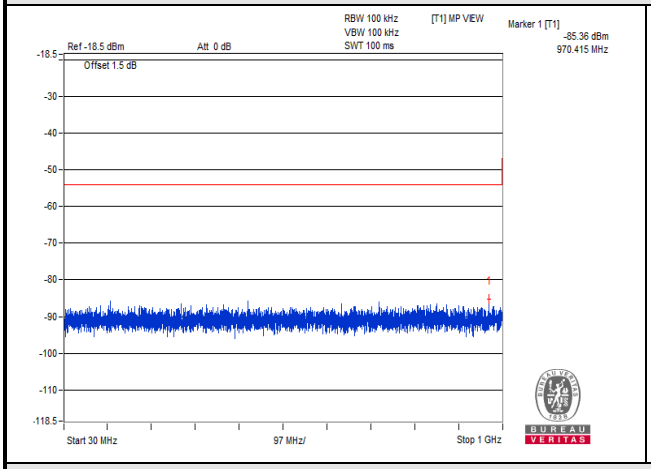
Vmin.

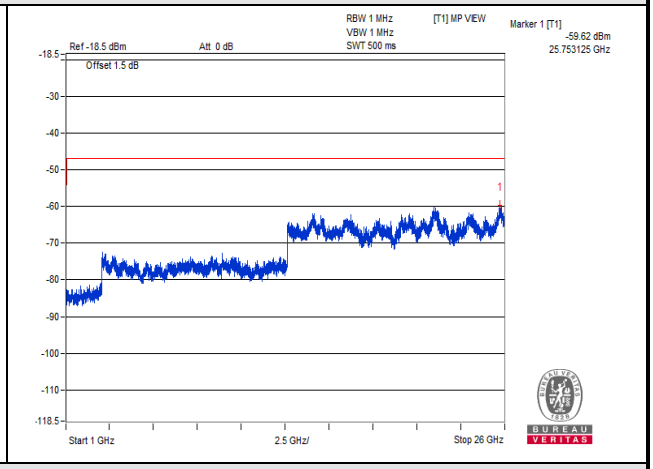




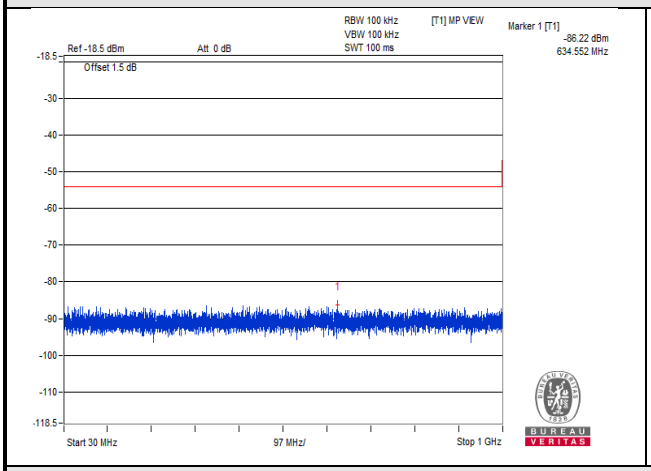
CH 106 (5530MHz)

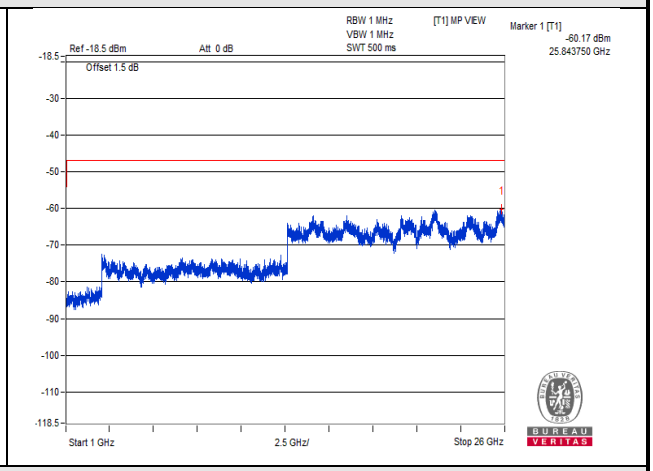
Vnormal



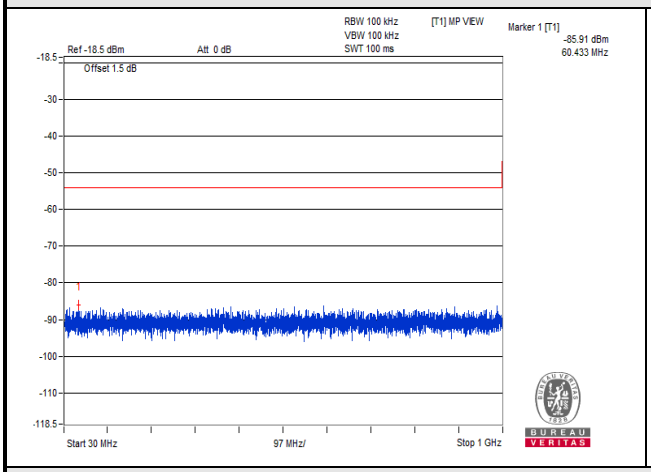


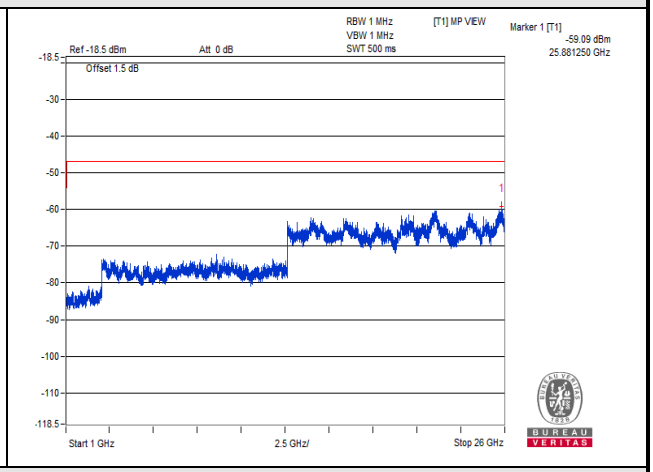
Vmax.





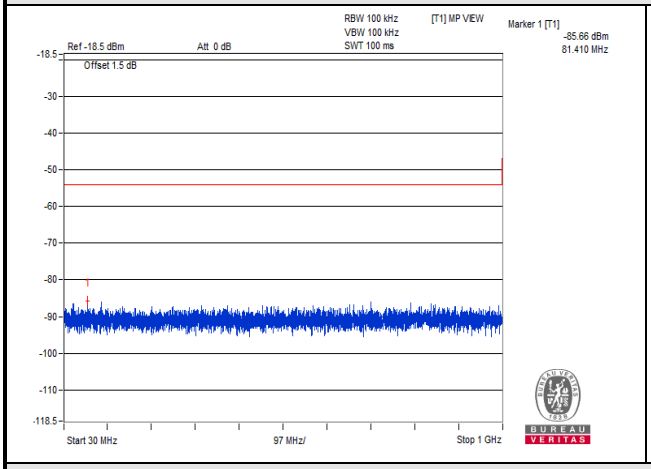
Vmin.

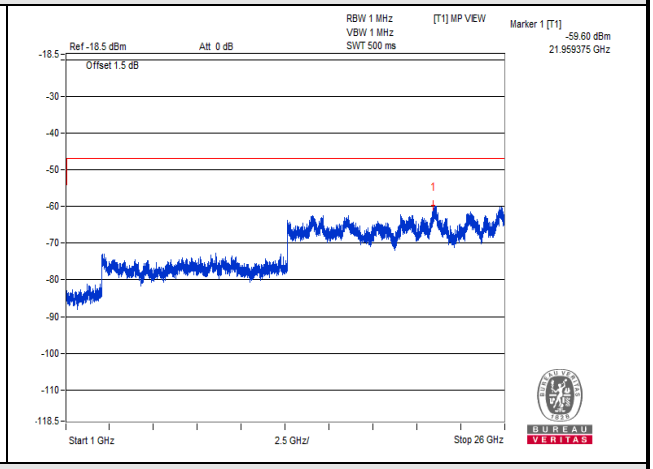




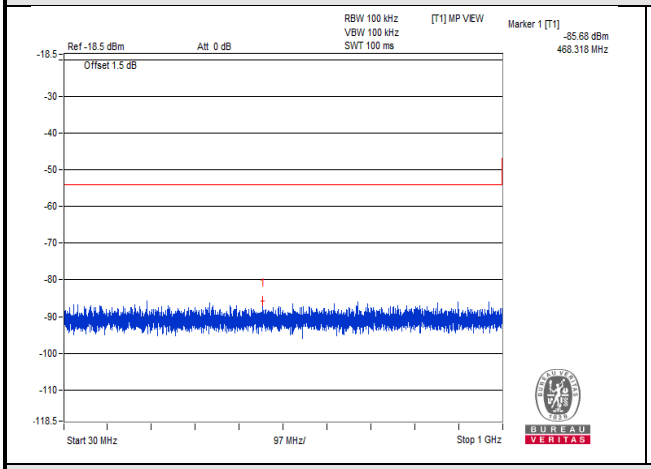
CH 122 (5610MHz)

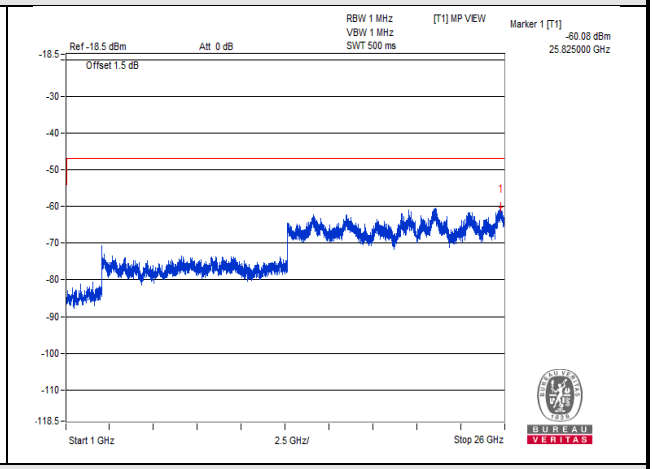
Vnormal



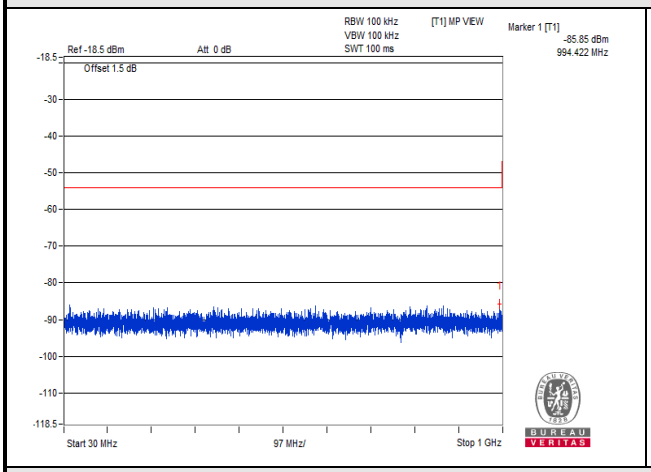


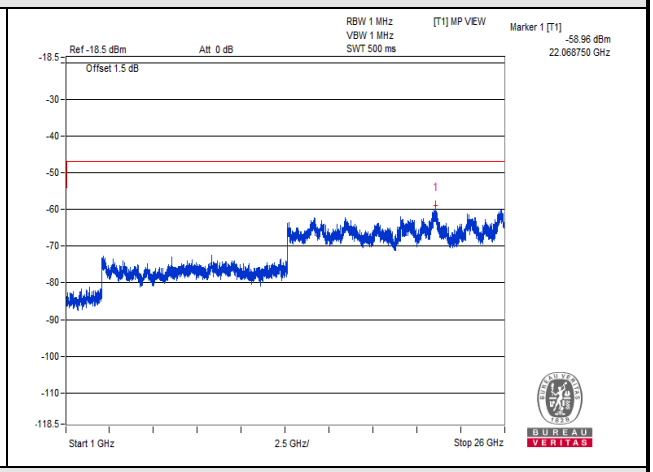
Vmax.





Vmin.





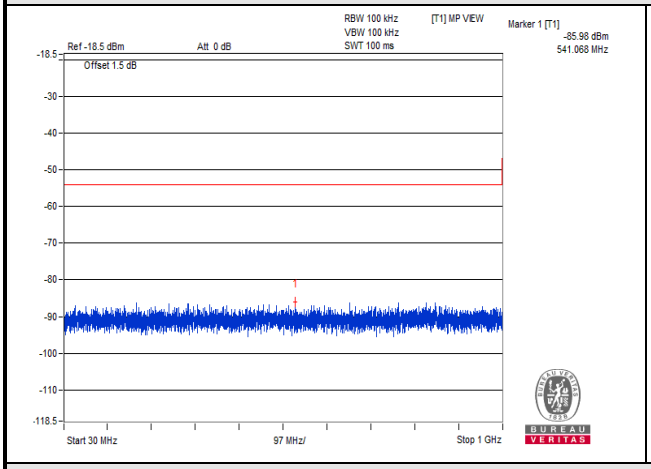
CH 138 (5690MHz)

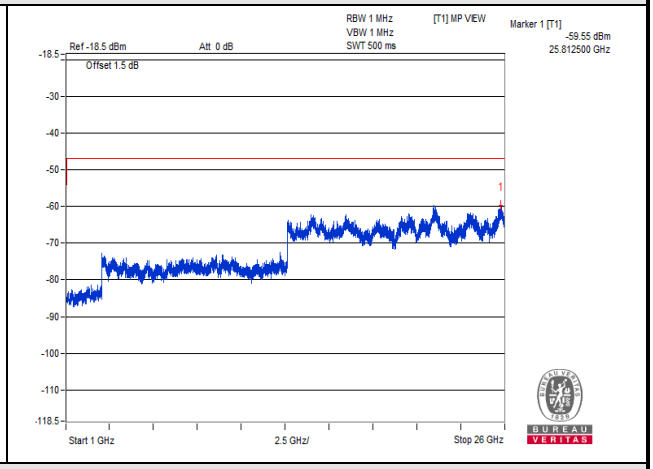
802.11ax (HE160)

Chain A

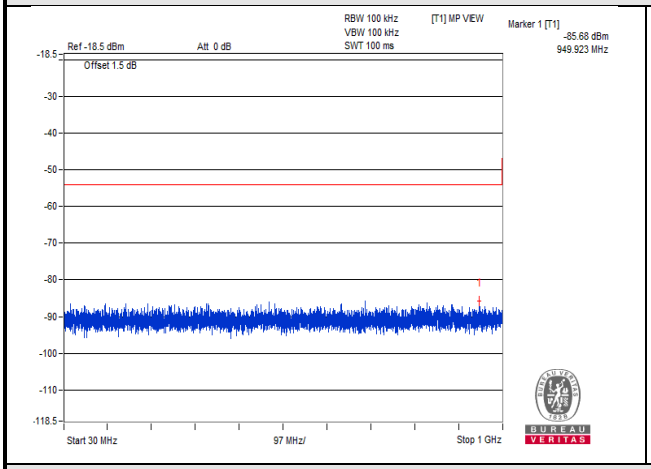
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	541.068	0.002523	4.0	PASS
	1000.0 to 26000.0	25812.500	1.109175	20.0	PASS
$V_{max.}$	30.0 to 1000.0	949.923	0.002704	4.0	PASS
	1000.0 to 26000.0	21956.250	1.164126	20.0	PASS
$V_{min.}$	30.0 to 1000.0	481.413	0.002618	4.0	PASS
	1000.0 to 26000.0	25840.625	1.297179	20.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	880.205	0.002692	4.0	PASS
	1000.0 to 26000.0	25803.125	1.078947	20.0	PASS
$V_{max.}$	30.0 to 1000.0	879.235	0.002415	4.0	PASS
	1000.0 to 26000.0	25846.875	1.402814	20.0	PASS
$V_{min.}$	30.0 to 1000.0	549.556	0.002612	4.0	PASS
	1000.0 to 26000.0	25793.750	1.091440	20.0	PASS

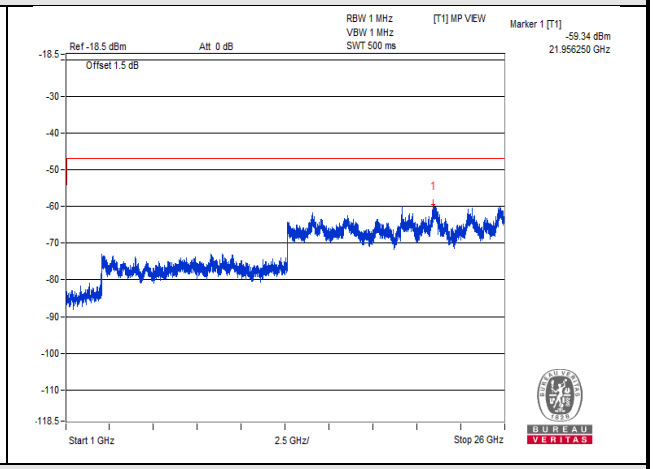
Vnormal



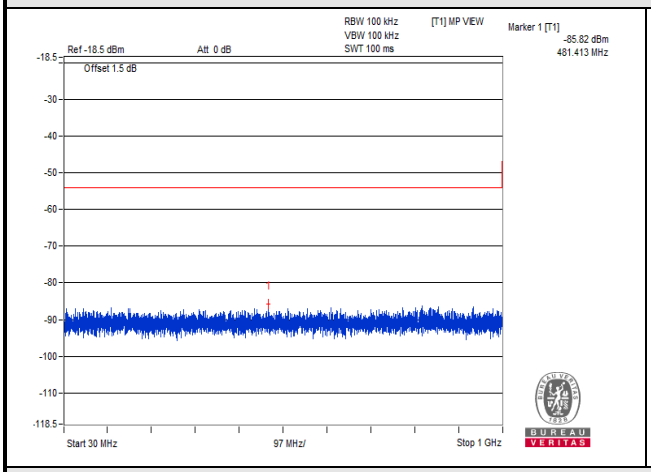


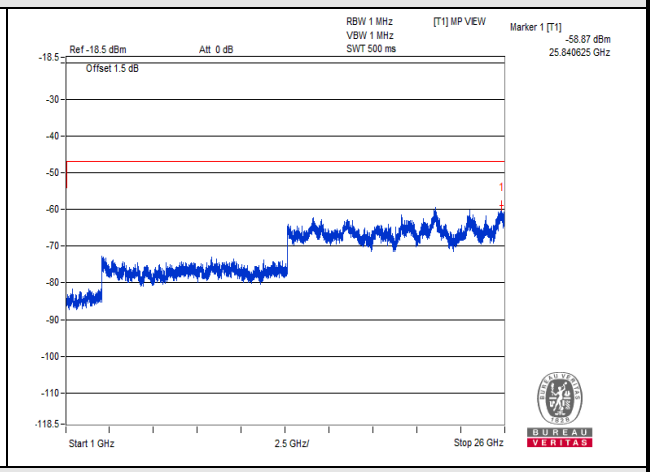
Vmax.





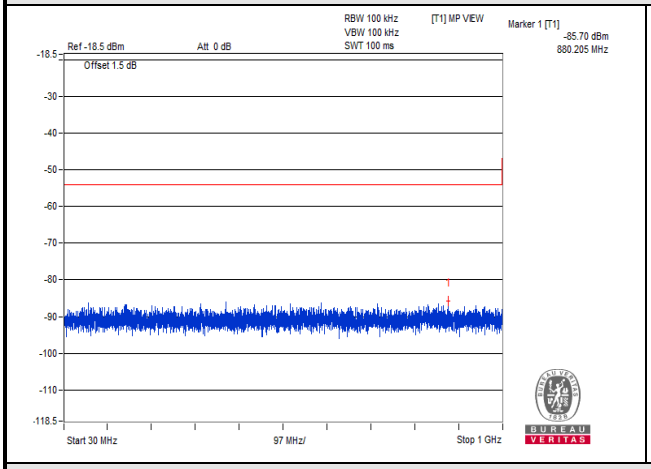
Vmin.

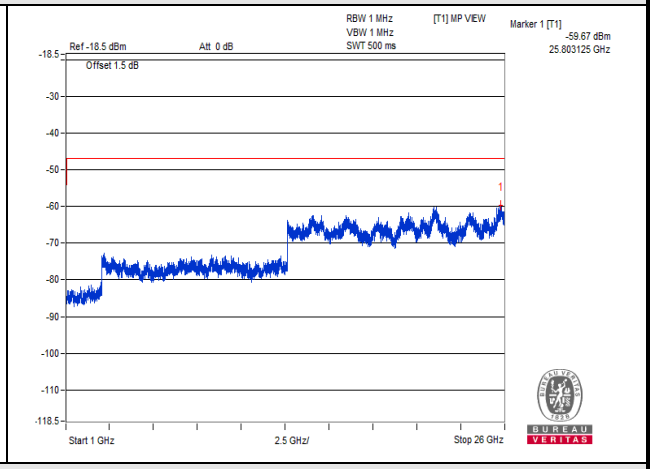




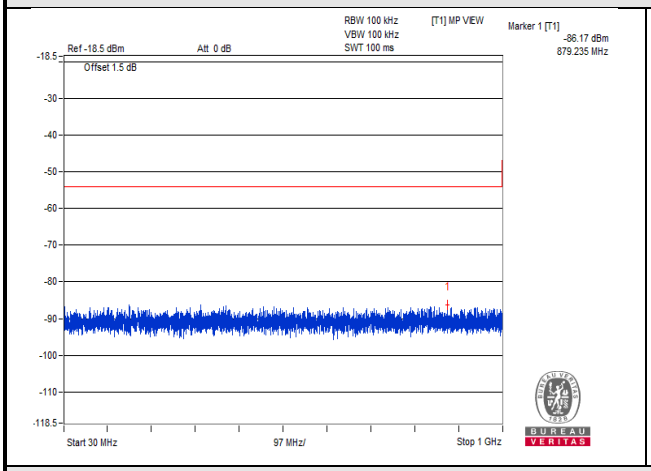
CH 50 (5250MHz)

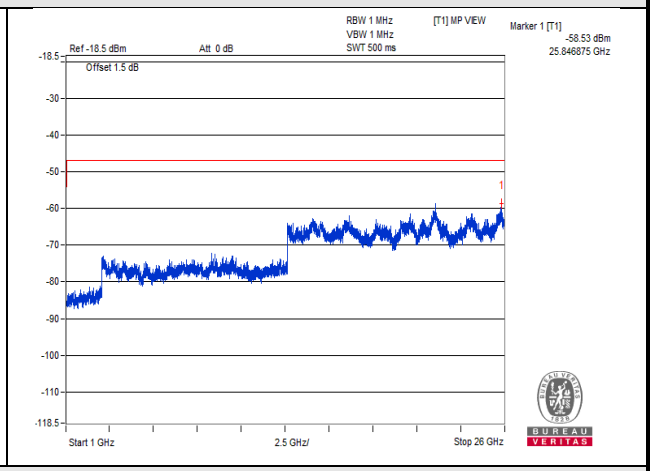
Vnormal



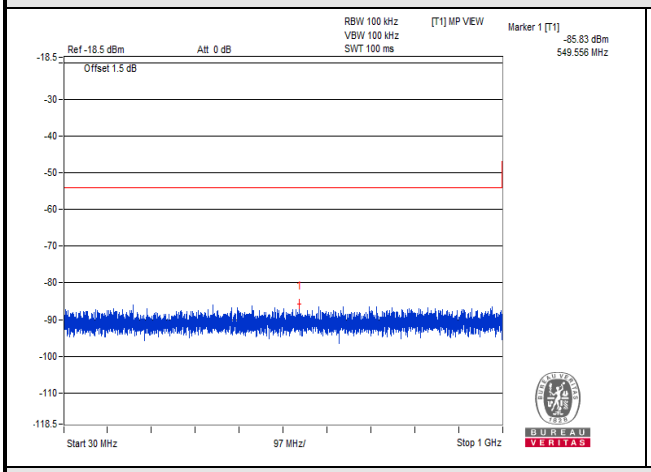


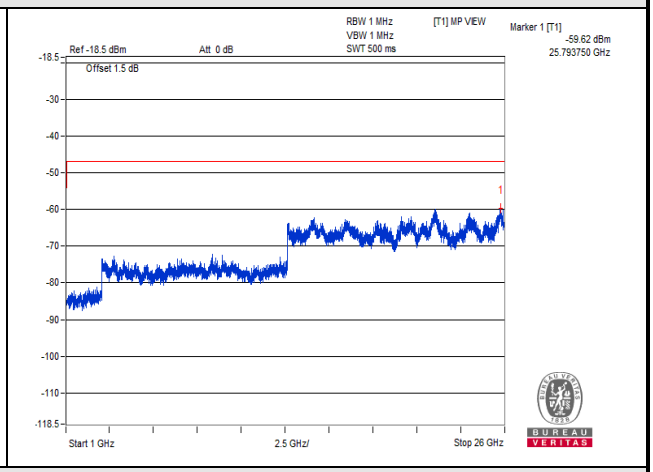
Vmax.





Vmin.





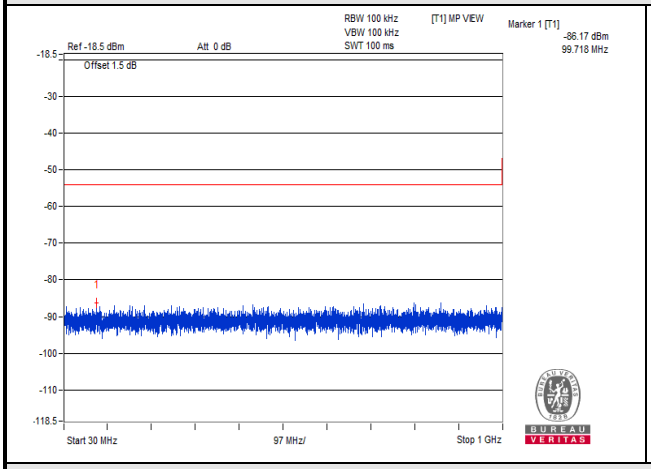
CH 114 (5570MHz)

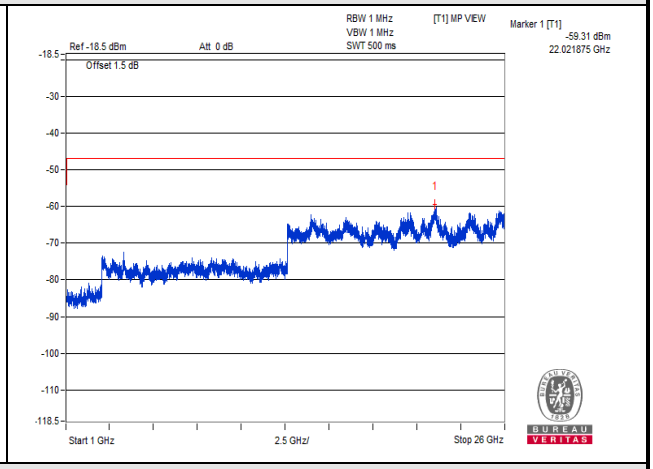
W52, W53 & W56 bands:
802.11a / 802.11n (HT20)
Chain B

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	99.718	0.002415	4.0	PASS
	1000.0 to 26000.0	22021.875	1.172195	20.0	PASS
$V_{max.}$	30.0 to 1000.0	639.281	0.002301	4.0	PASS
	1000.0 to 26000.0	25856.250	0.870964	20.0	PASS
$V_{min.}$	30.0 to 1000.0	850.983	0.002296	4.0	PASS
	1000.0 to 26000.0	22068.750	1.066596	20.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	553.678	0.003214	4.0	PASS
	1000.0 to 26000.0	22006.250	1.091440	20.0	PASS
$V_{max.}$	30.0 to 1000.0	450.858	0.002296	4.0	PASS
	1000.0 to 26000.0	25809.375	1.083927	20.0	PASS
$V_{min.}$	30.0 to 1000.0	567.258	0.003062	4.0	PASS
	1000.0 to 26000.0	22034.375	1.096478	20.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	825.521	0.002094	4.0	PASS
	1000.0 to 26000.0	22084.375	0.952796	20.0	PASS
$V_{max.}$	30.0 to 1000.0	346.220	0.002506	4.0	PASS
	1000.0 to 26000.0	21978.125	1.011579	20.0	PASS
$V_{min.}$	30.0 to 1000.0	771.928	0.002858	4.0	PASS
	1000.0 to 26000.0	25881.250	1.140250	20.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	101.658	0.002606	4.0	PASS
	1000.0 to 26000.0	25768.750	1.069055	20.0	PASS
$V_{max.}$	30.0 to 1000.0	666.198	0.002472	4.0	PASS
	1000.0 to 26000.0	25834.375	0.935406	20.0	PASS
$V_{min.}$	30.0 to 1000.0	302.812	0.002404	4.0	PASS
	1000.0 to 26000.0	25703.125	1.233105	20.0	PASS

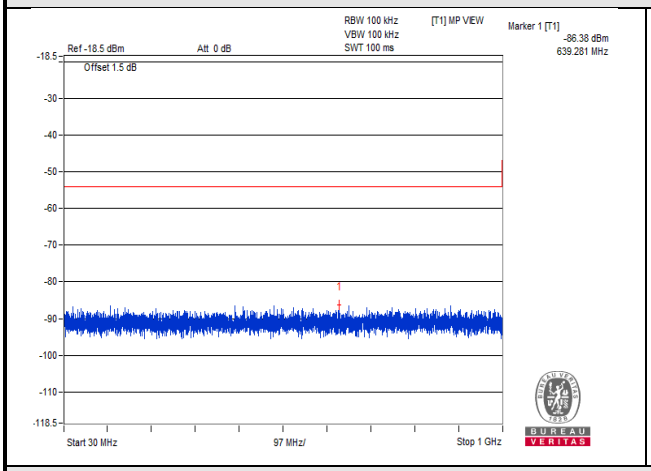
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	53.037	0.002328	4.0	PASS
	1000.0 to 26000.0	25806.250	1.158777	20.0	PASS
$V_{max.}$	30.0 to 1000.0	729.612	0.002636	4.0	PASS
	1000.0 to 26000.0	25771.875	1.054387	20.0	PASS
$V_{min.}$	30.0 to 1000.0	832.068	0.002911	4.0	PASS
	1000.0 to 26000.0	25790.625	1.101539	20.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	812.183	0.002339	4.0	PASS
	1000.0 to 26000.0	22056.250	1.096478	20.0	PASS
$V_{max.}$	30.0 to 1000.0	154.887	0.002661	4.0	PASS
	1000.0 to 26000.0	22087.500	1.132400	20.0	PASS
$V_{min.}$	30.0 to 1000.0	395.447	0.002655	4.0	PASS
	1000.0 to 26000.0	22021.875	1.150800	20.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	289.475	0.002344	4.0	PASS
	1000.0 to 26000.0	25781.250	1.083927	20.0	PASS
$V_{max.}$	30.0 to 1000.0	373.380	0.002729	4.0	PASS
	1000.0 to 26000.0	25746.875	0.995405	20.0	PASS
$V_{min.}$	30.0 to 1000.0	331.427	0.002594	4.0	PASS
	1000.0 to 26000.0	25878.125	1.018591	20.0	PASS

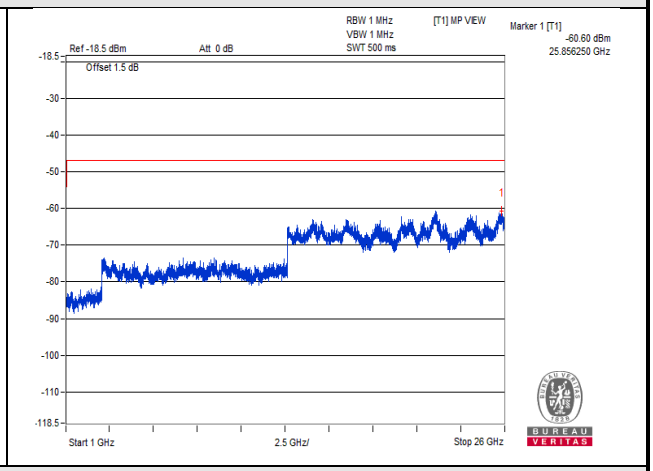
Vnormal



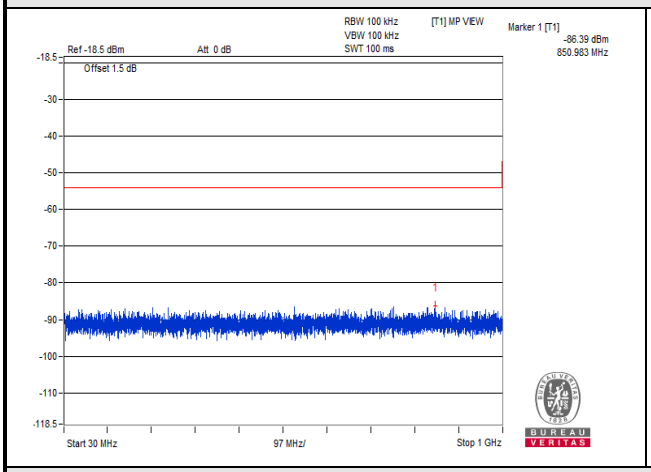


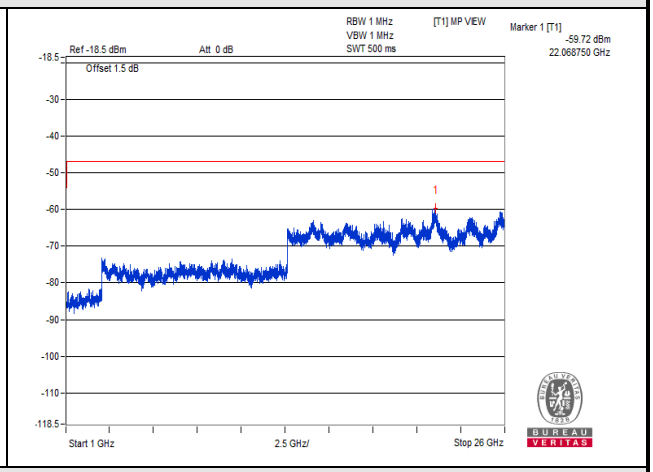
Vmax.





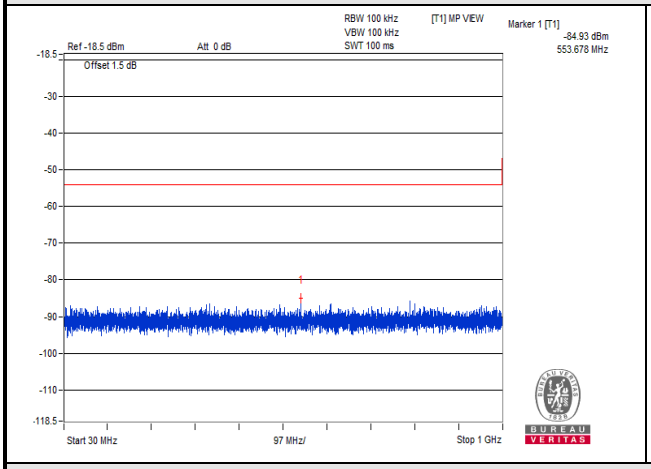
Vmin.

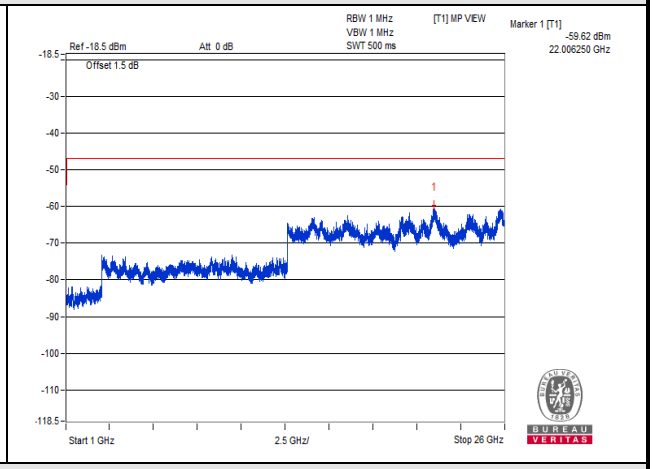




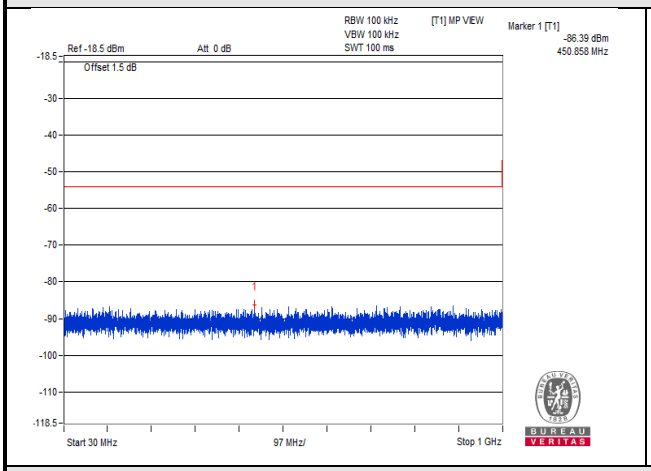
CH 36 (5180MHz)

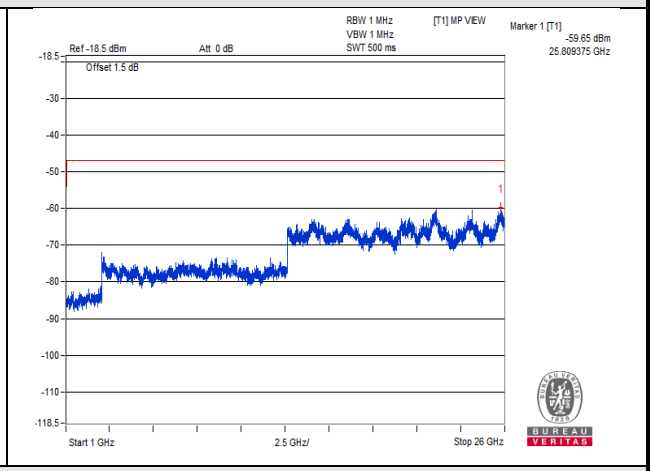
Vnormal



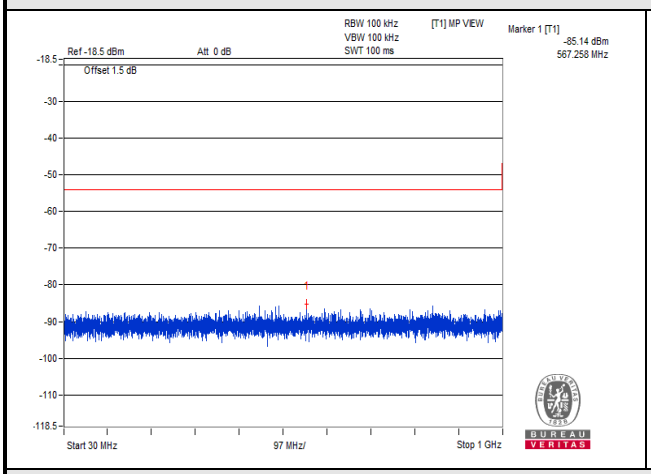


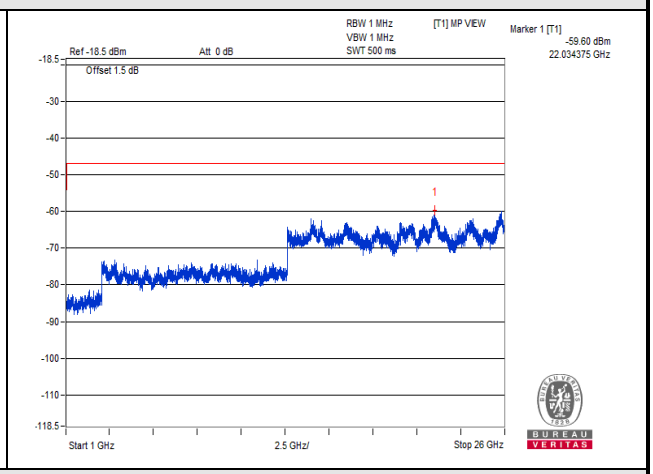
Vmax.





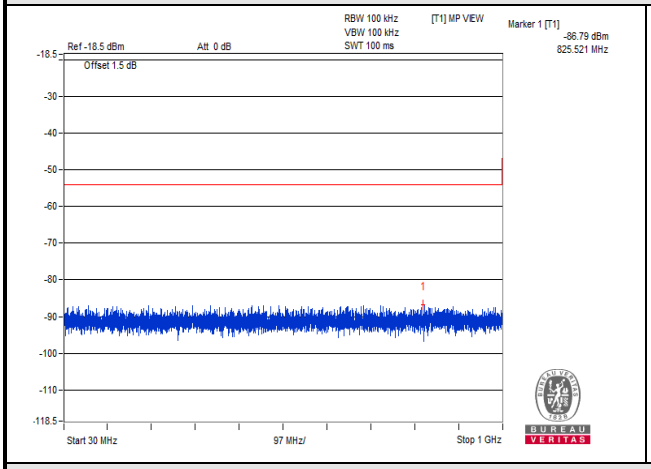
Vmin.

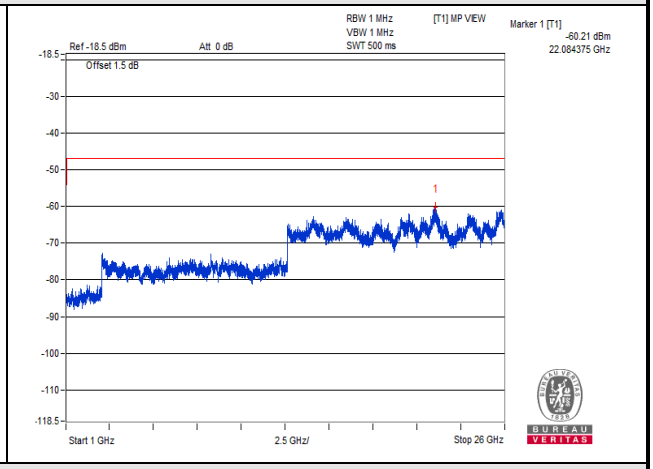




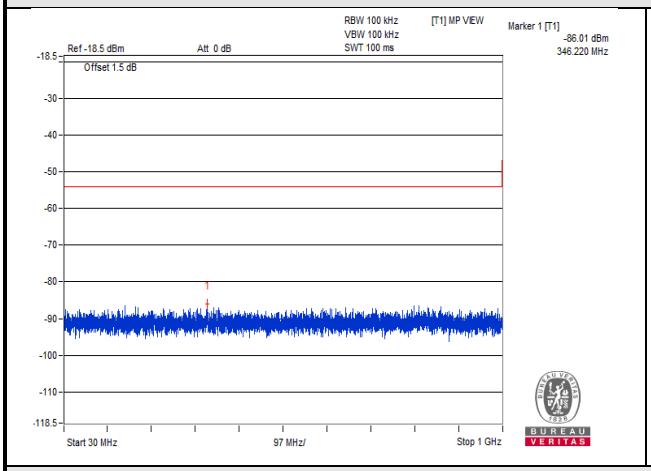
CH 48 (5240MHz)

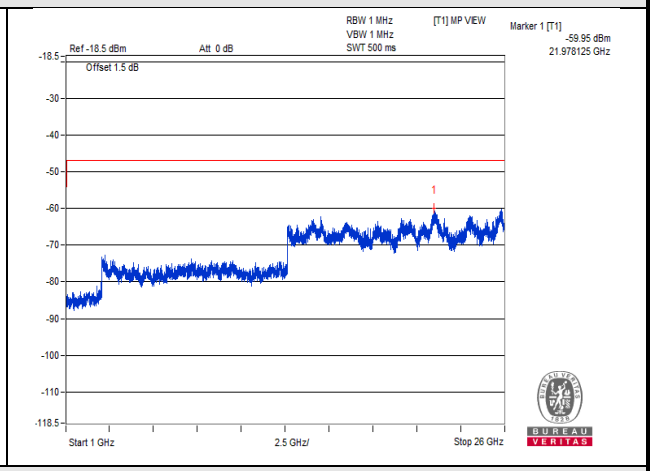
Vnormal



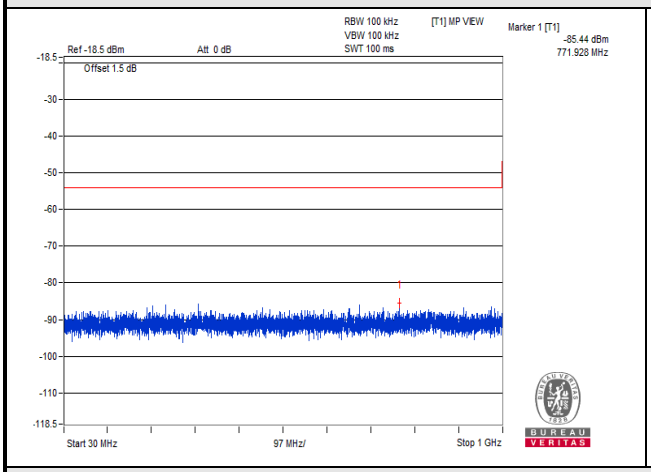


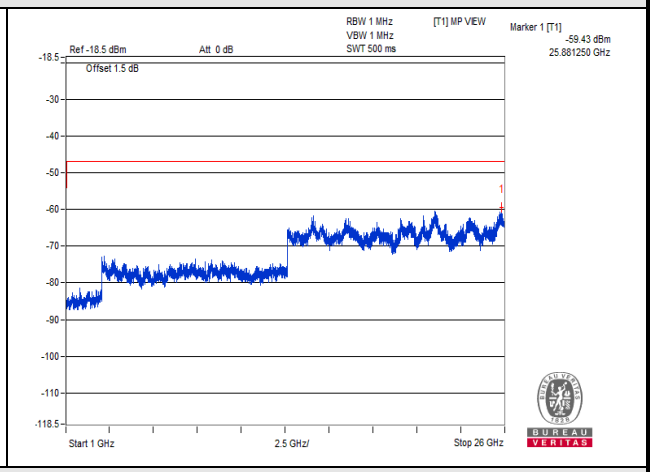
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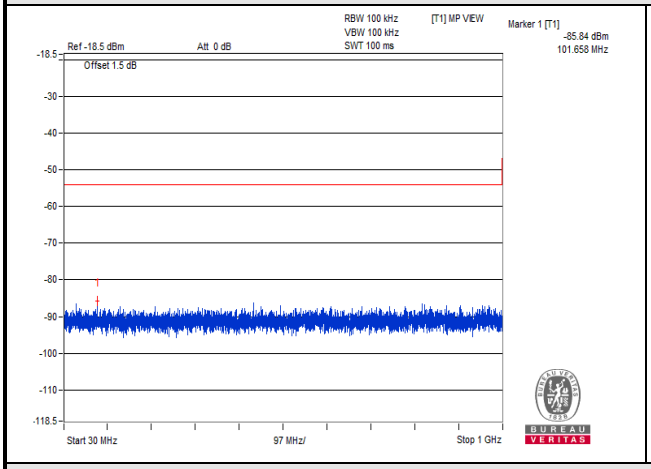
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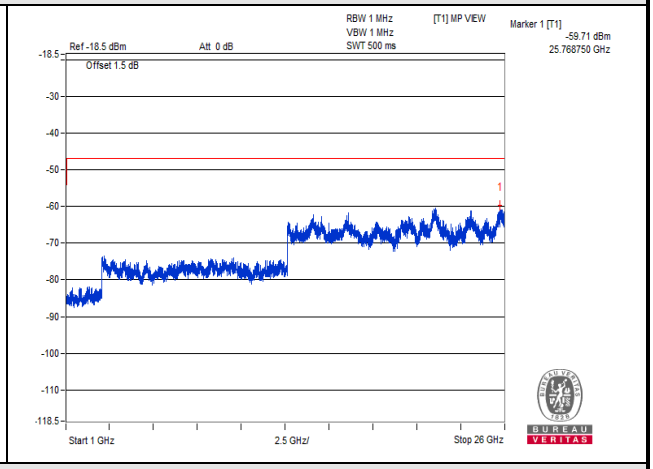




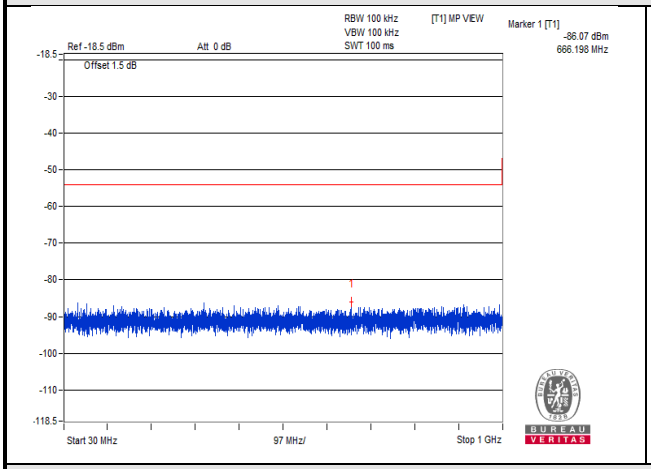
CH 52 (5260MHz)

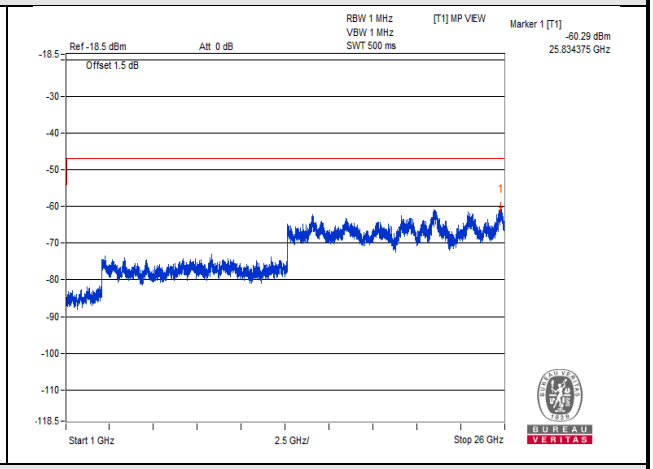
Vnormal



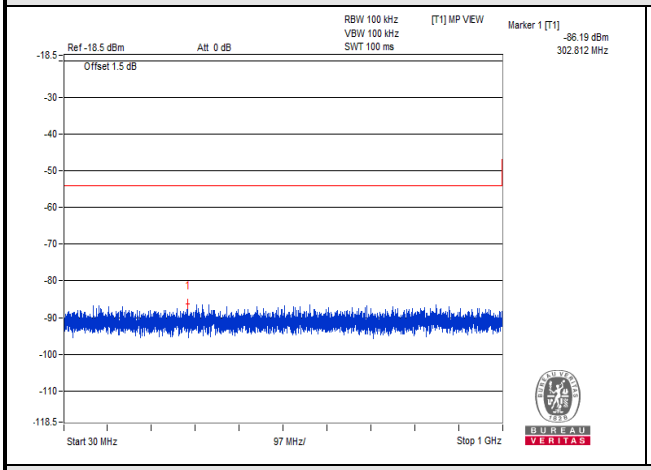


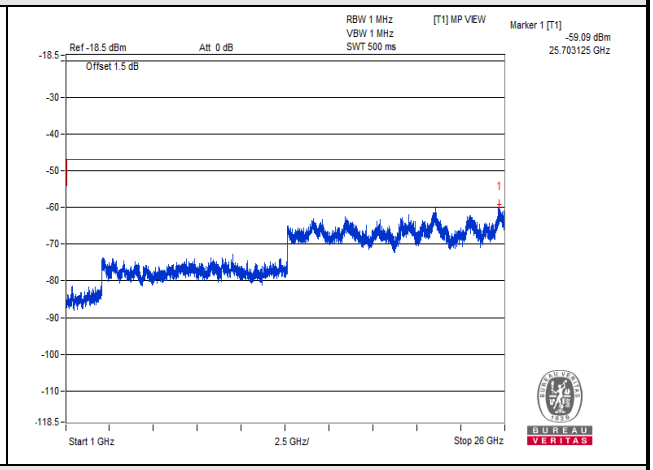
Vmax.





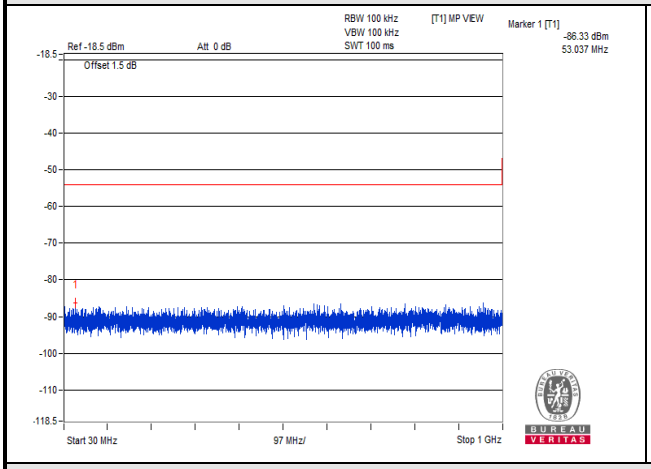
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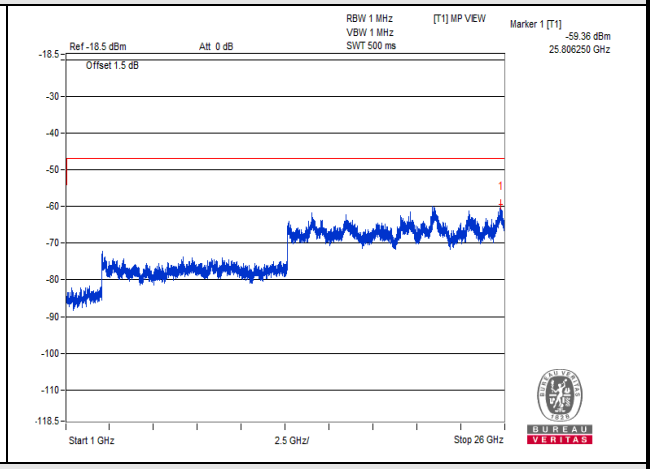




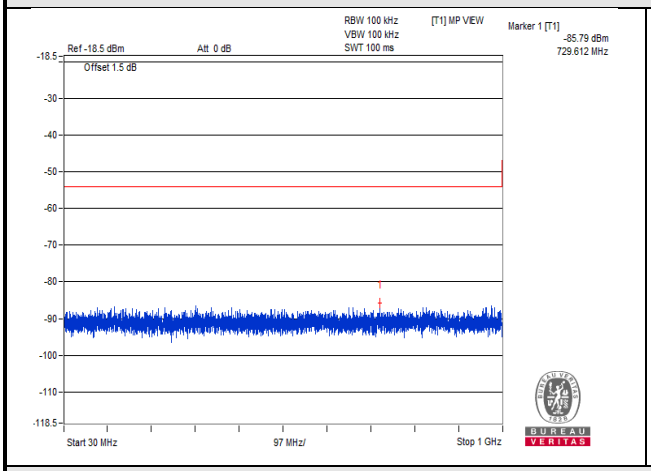
CH 64 (5320MHz)

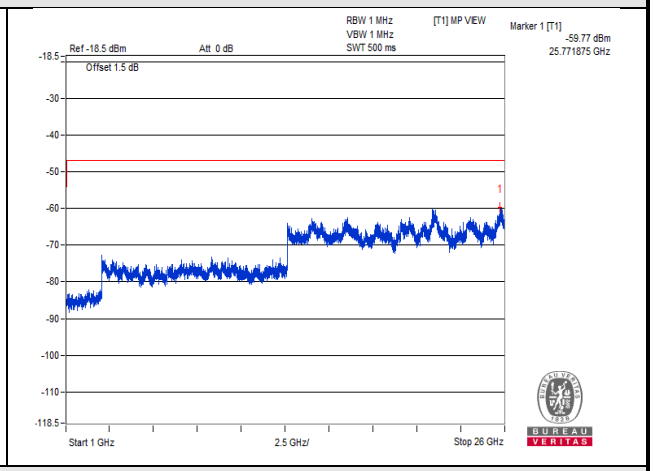
Vnormal



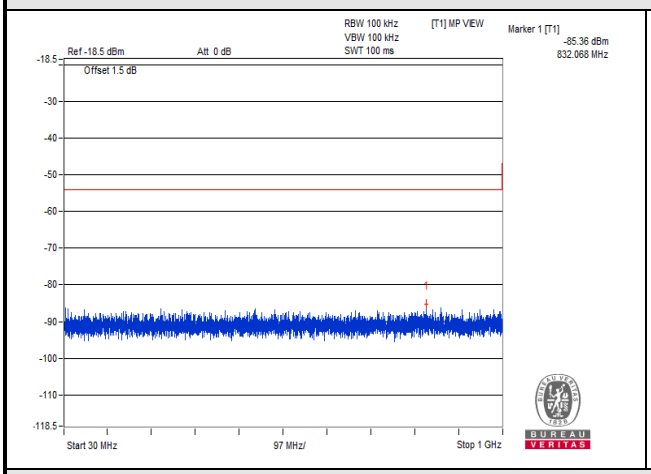


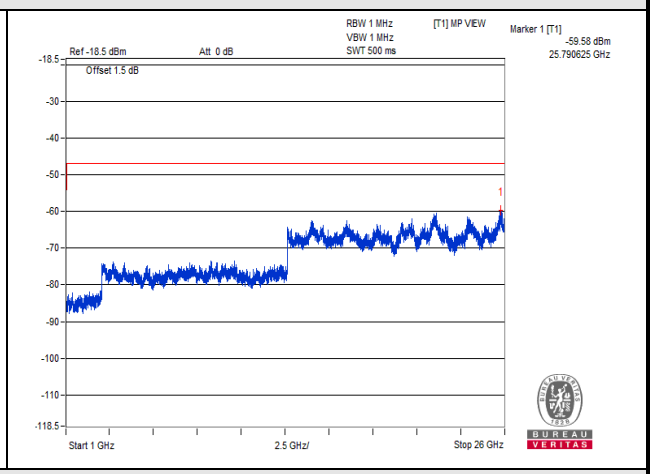
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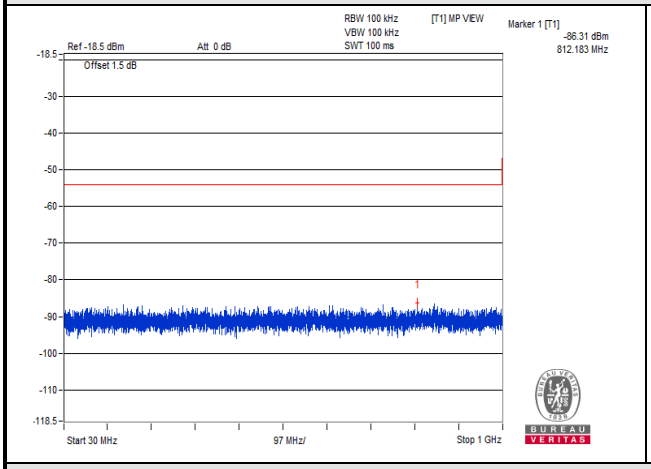
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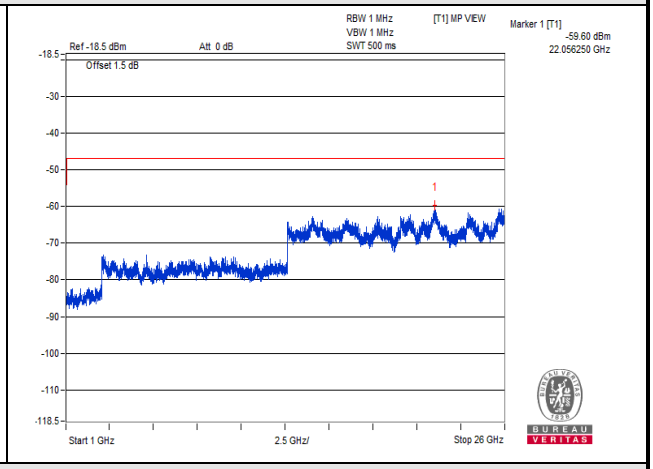




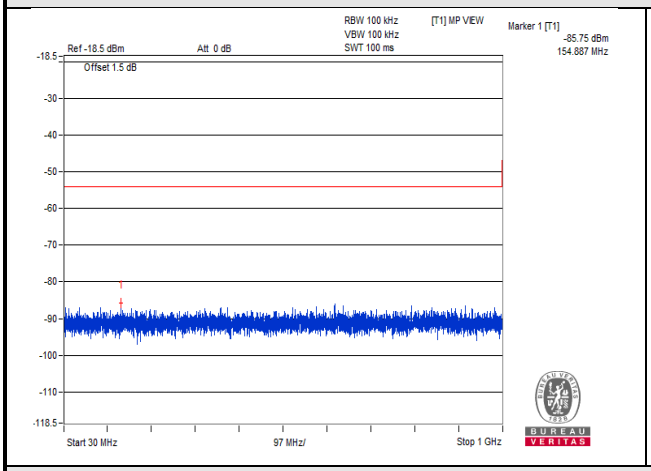
CH 100 (5500MHz)

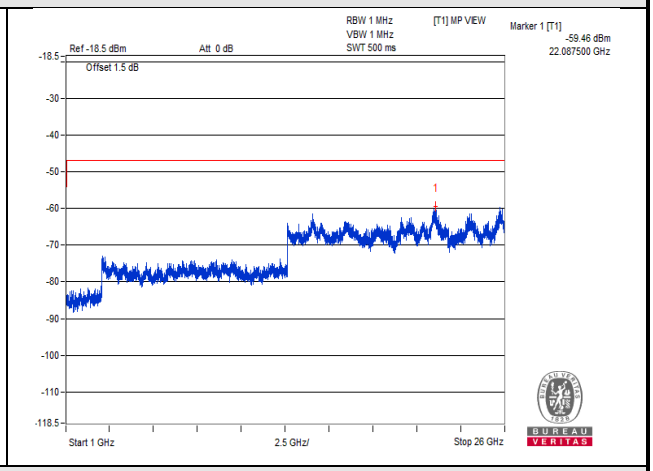
Vnormal



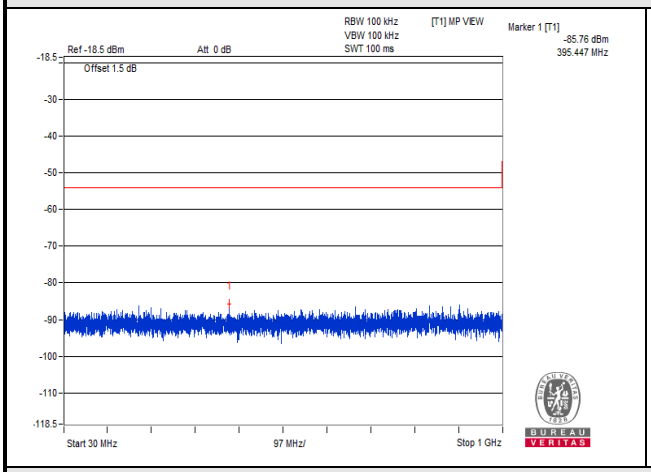


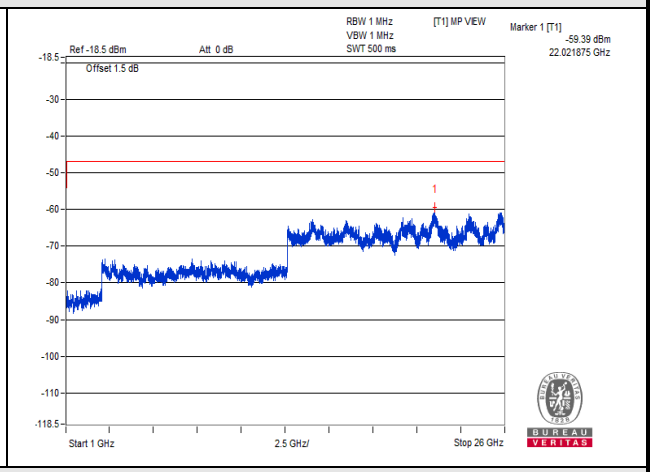
Vmax.





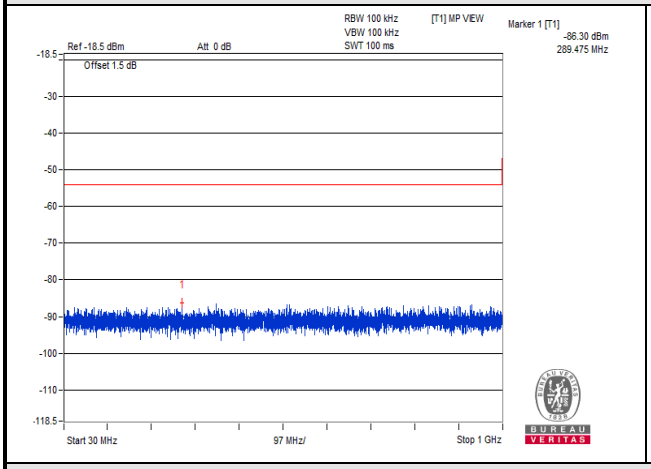
Vmin.

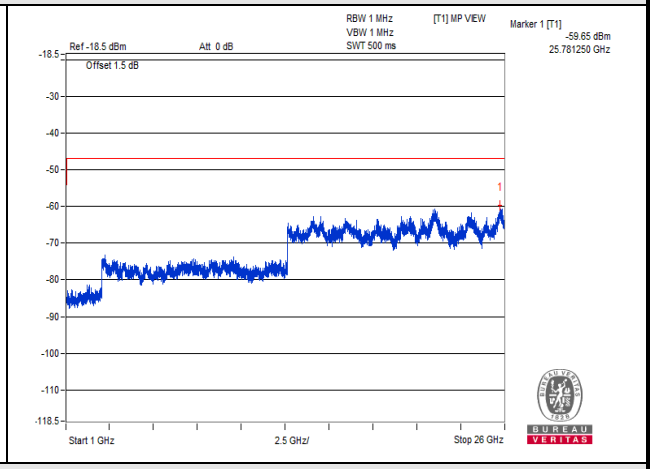




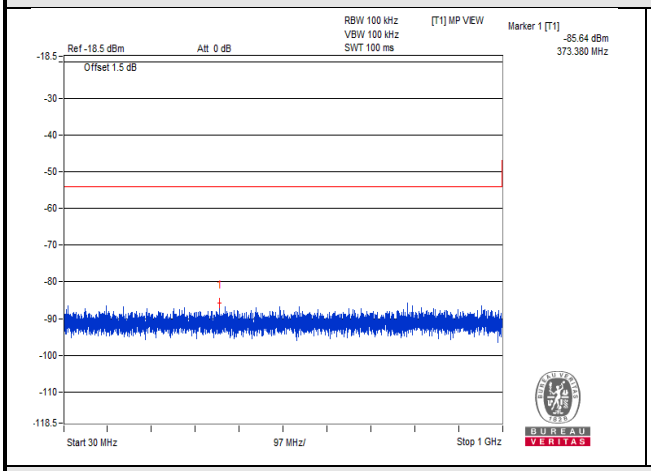
CH 120 (5600MHz)

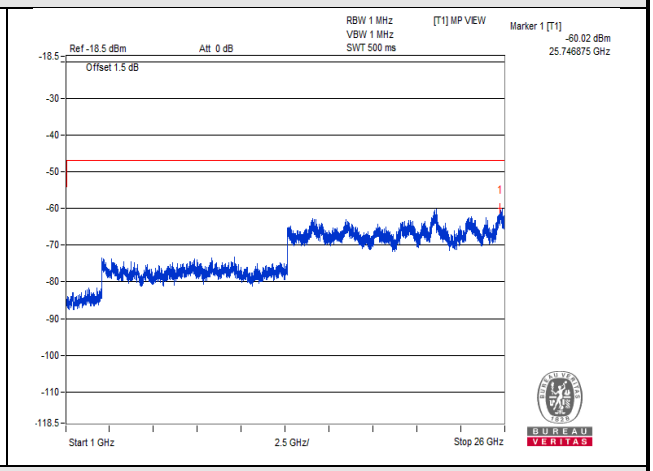
Vnormal



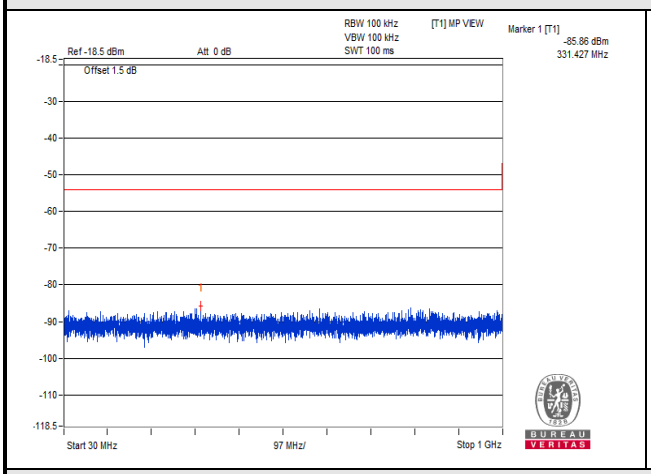


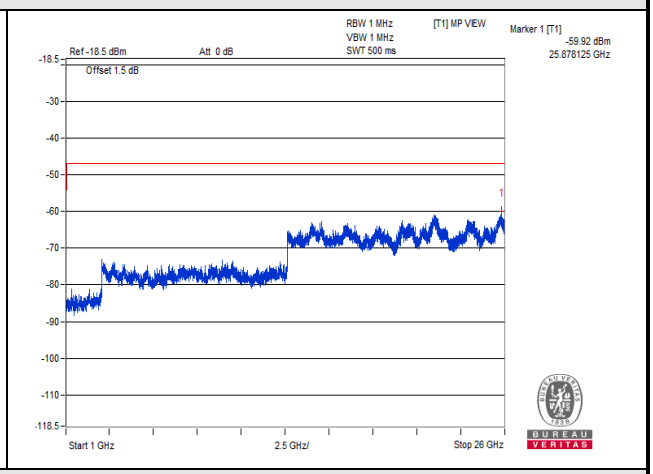
Vmax.





Vmin.





CH 144 (5720MHz)

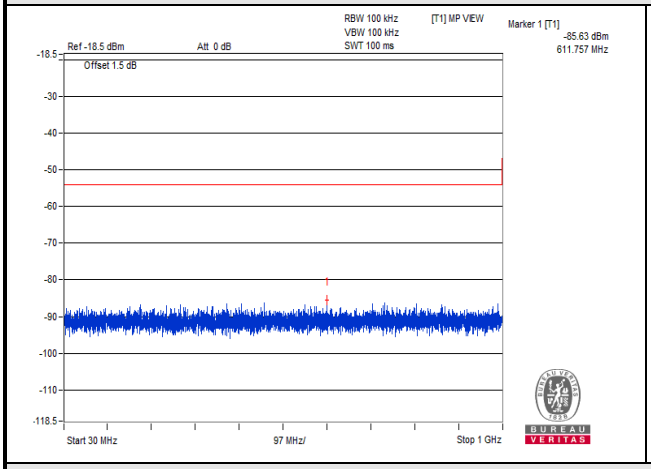
802.11n (HT40)

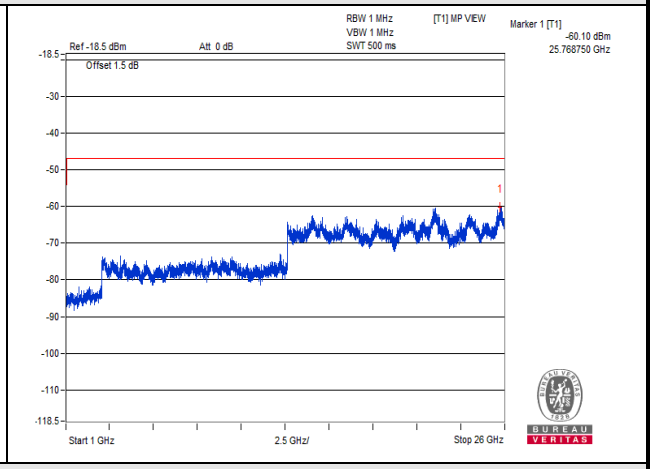
Chain B

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	611.757	0.002735	4.0	PASS
	1000.0 to 26000.0	25768.750	0.977237	20.0	PASS
$V_{max.}$	30.0 to 1000.0	427.700	0.002636	4.0	PASS
	1000.0 to 26000.0	21953.125	1.253141	20.0	PASS
$V_{min.}$	30.0 to 1000.0	482.626	0.002500	4.0	PASS
	1000.0 to 26000.0	22003.125	0.889201	20.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	845.406	0.002748	4.0	PASS
	1000.0 to 26000.0	22121.875	0.879023	20.0	PASS
$V_{max.}$	30.0 to 1000.0	930.887	0.002307	4.0	PASS
	1000.0 to 26000.0	25765.625	0.895365	20.0	PASS
$V_{min.}$	30.0 to 1000.0	810.607	0.002655	4.0	PASS
	1000.0 to 26000.0	22134.375	1.020939	20.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	894.512	0.002642	4.0	PASS
	1000.0 to 26000.0	25812.500	1.213389	20.0	PASS
$V_{max.}$	30.0 to 1000.0	449.282	0.002600	4.0	PASS
	1000.0 to 26000.0	22087.500	0.946237	20.0	PASS
$V_{min.}$	30.0 to 1000.0	184.593	0.002692	4.0	PASS
	1000.0 to 26000.0	25715.625	1.013911	20.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	186.897	0.002371	4.0	PASS
	1000.0 to 26000.0	25896.875	0.952796	20.0	PASS
$V_{max.}$	30.0 to 1000.0	917.428	0.002094	4.0	PASS
	1000.0 to 26000.0	22062.500	1.174898	20.0	PASS
$V_{min.}$	30.0 to 1000.0	668.745	0.002265	4.0	PASS
	1000.0 to 26000.0	22118.750	0.981748	20.0	PASS

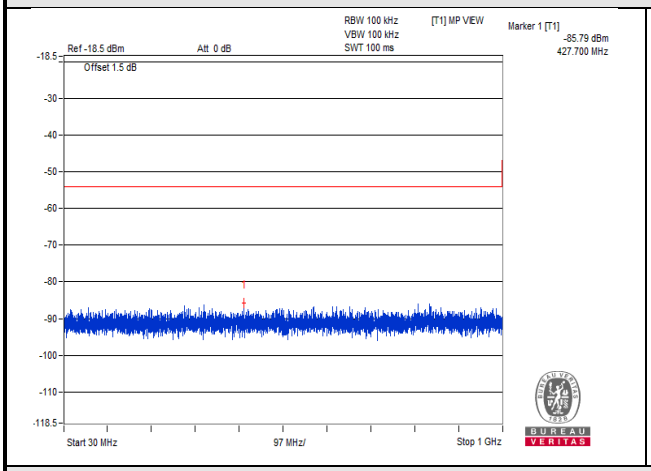
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	563.378	0.002404	4.0	PASS
	1000.0 to 26000.0	25906.250	0.952796	20.0	PASS
$V_{max.}$	30.0 to 1000.0	737.251	0.002455	4.0	PASS
	1000.0 to 26000.0	25900.000	0.935406	20.0	PASS
$V_{min.}$	30.0 to 1000.0	788.297	0.002404	4.0	PASS
	1000.0 to 26000.0	25837.500	1.081434	20.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	762.592	0.003319	4.0	PASS
	1000.0 to 26000.0	22134.375	0.968278	20.0	PASS
$V_{max.}$	30.0 to 1000.0	983.267	0.002317	4.0	PASS
	1000.0 to 26000.0	22034.375	0.959401	20.0	PASS
$V_{min.}$	30.0 to 1000.0	560.590	0.002415	4.0	PASS
	1000.0 to 26000.0	22062.500	1.124605	20.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	668.502	0.002553	4.0	PASS
	1000.0 to 26000.0	25868.750	0.981748	20.0	PASS
$V_{max.}$	30.0 to 1000.0	90.382	0.002198	4.0	PASS
	1000.0 to 26000.0	22046.875	1.011579	20.0	PASS
$V_{min.}$	30.0 to 1000.0	1000.000	0.002864	4.0	PASS
	1000.0 to 26000.0	25850.000	1.039920	20.0	PASS

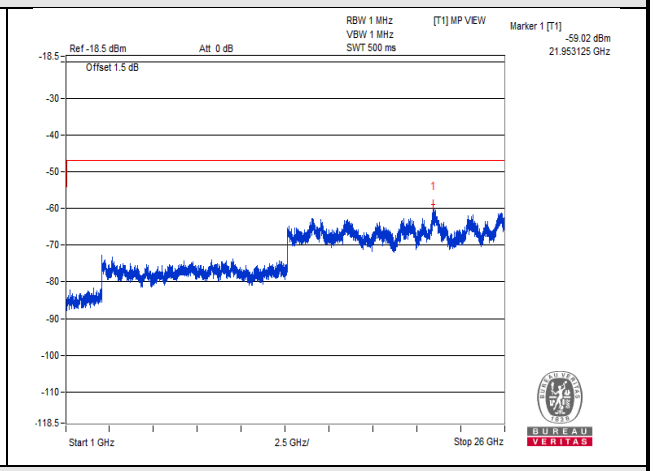
Vnormal



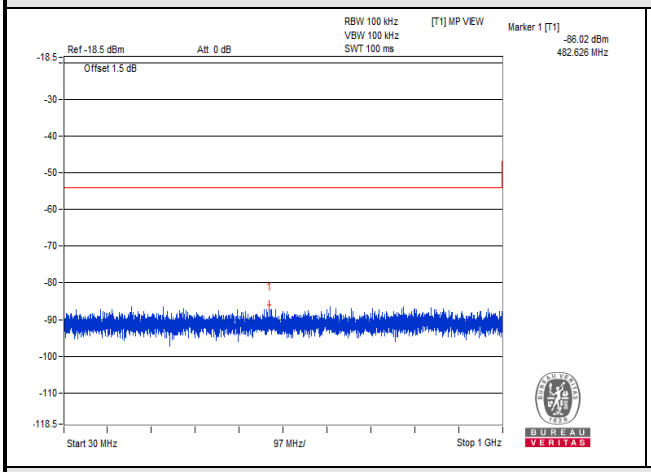


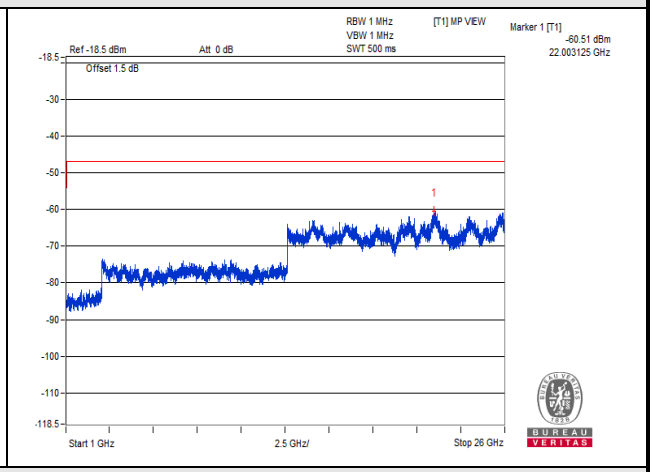
Vmax.





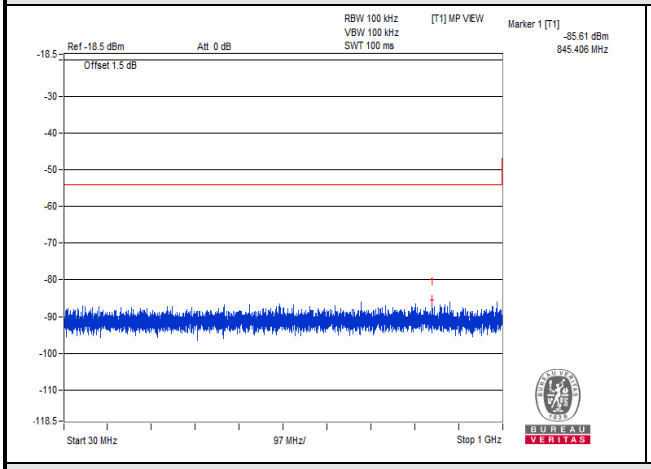
Vmin.

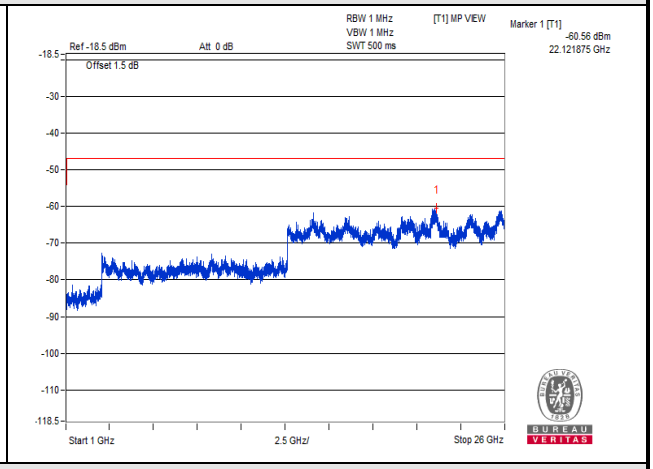




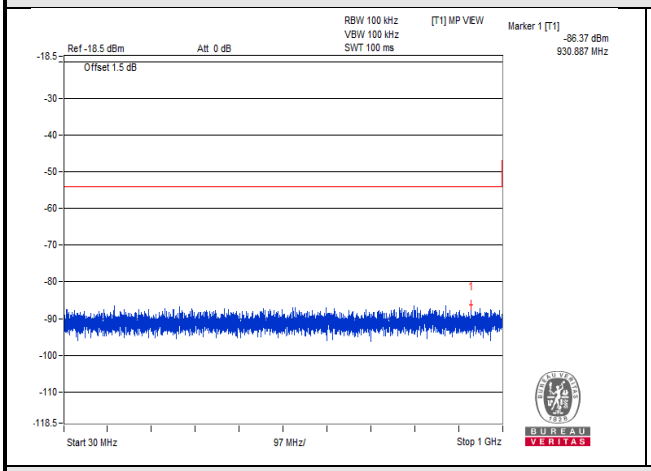
CH 38 (5190MHz)

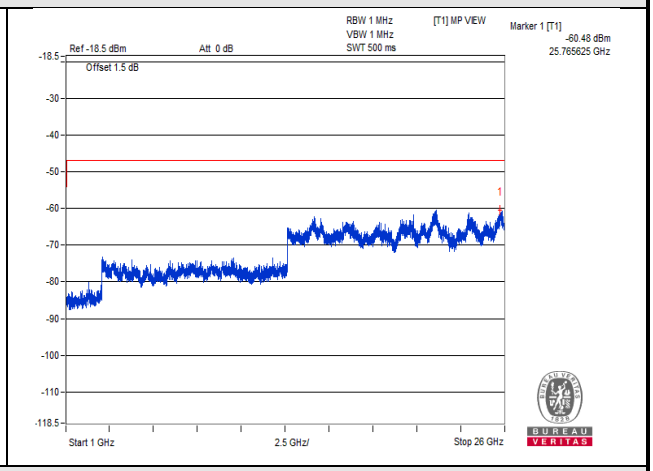
Vnormal



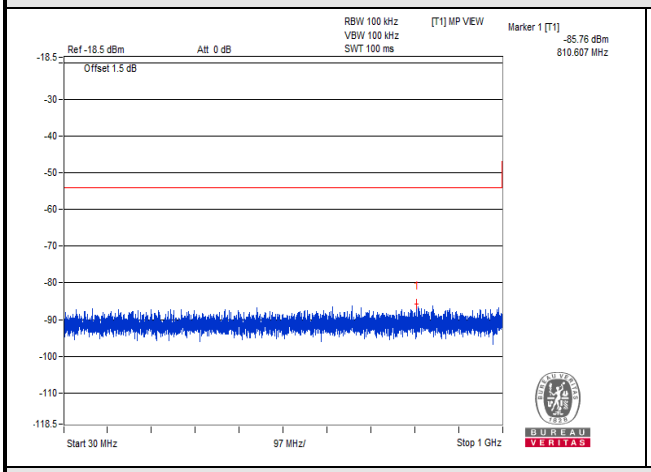


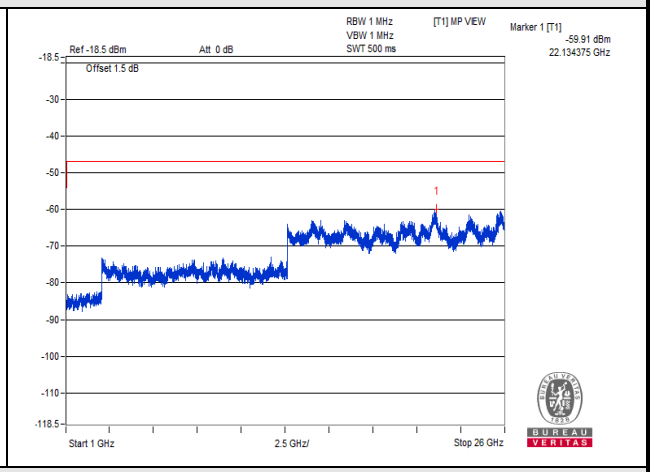
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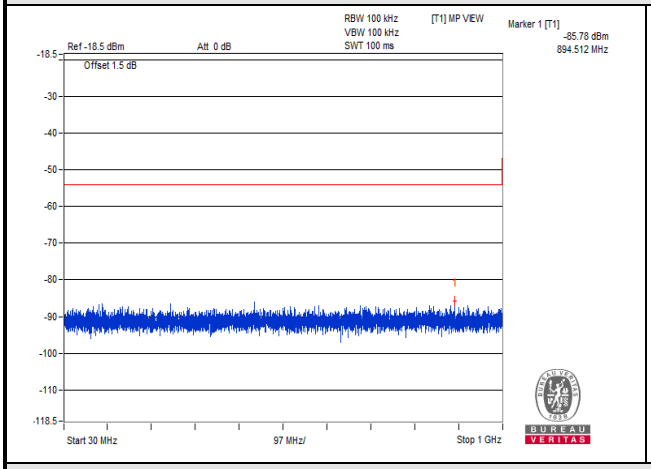
Vmin.

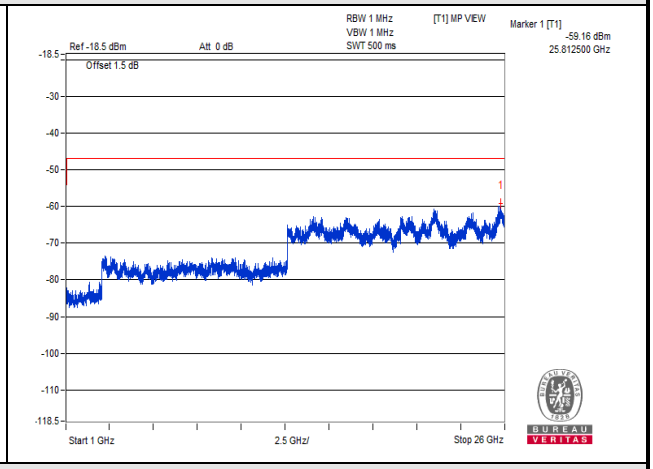




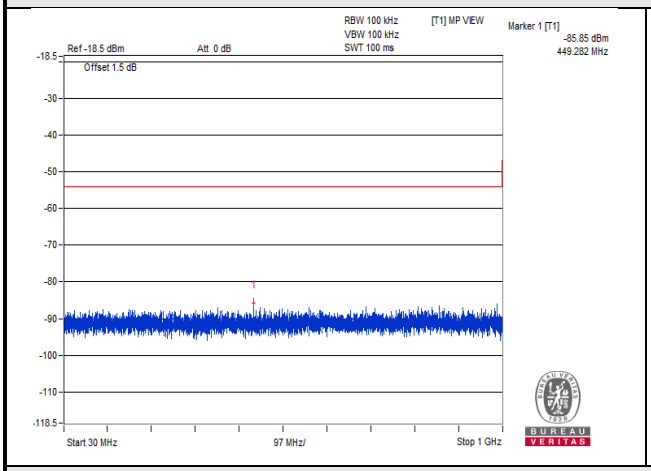
CH 46 (5230MHz)

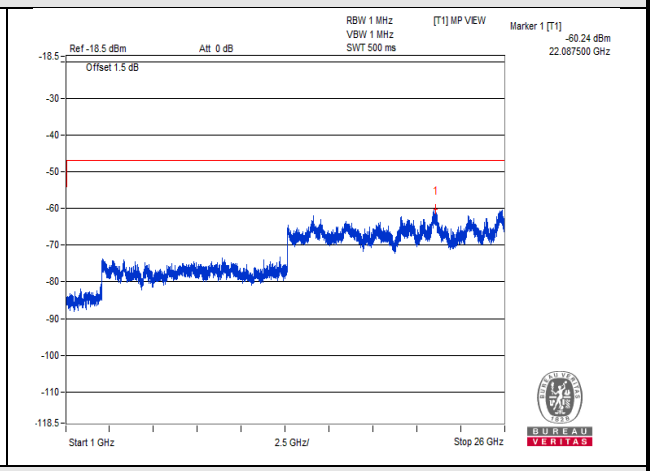
Vnormal



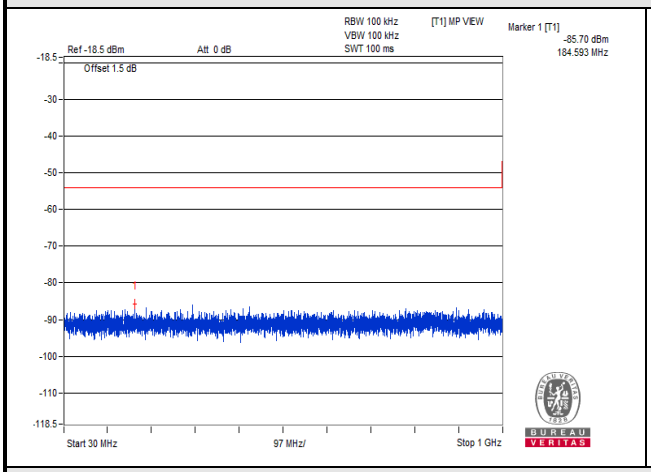


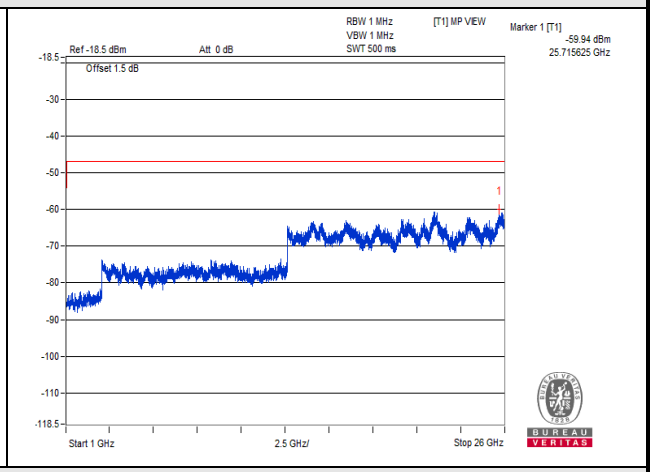
Vmax.





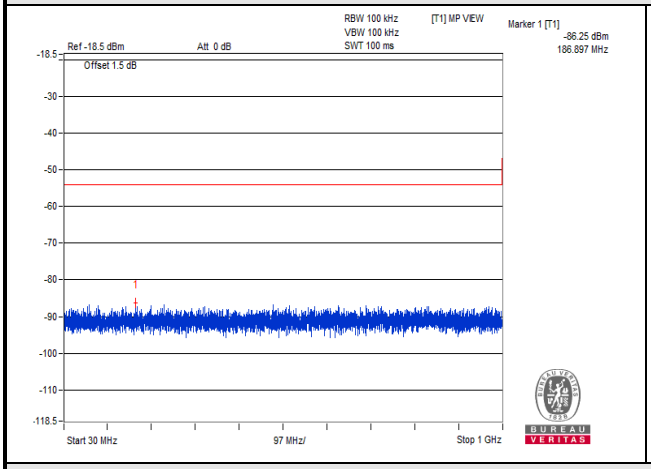
Vmin.

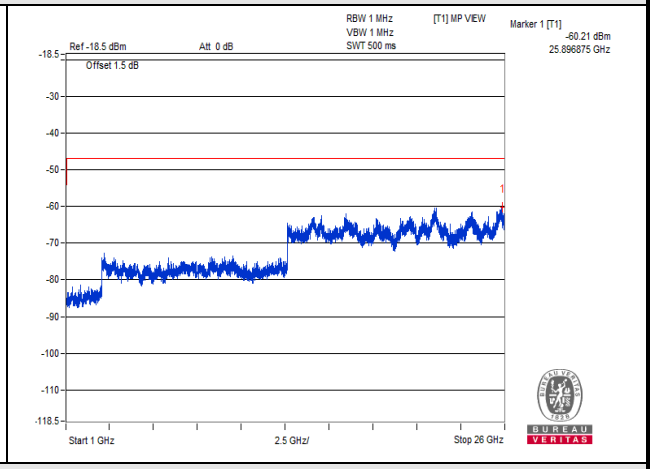




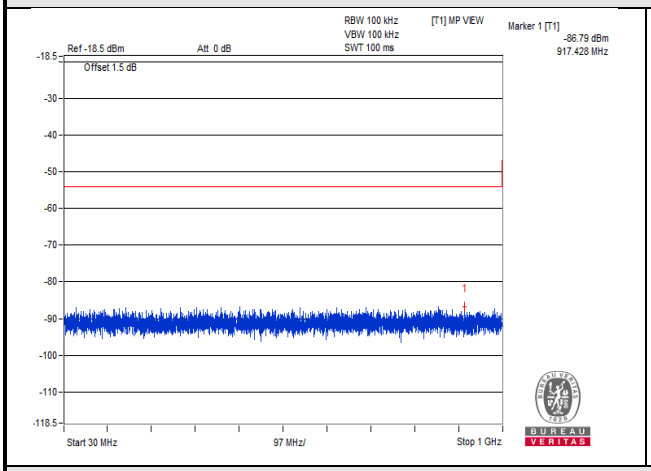
CH 54 (5270MHz)

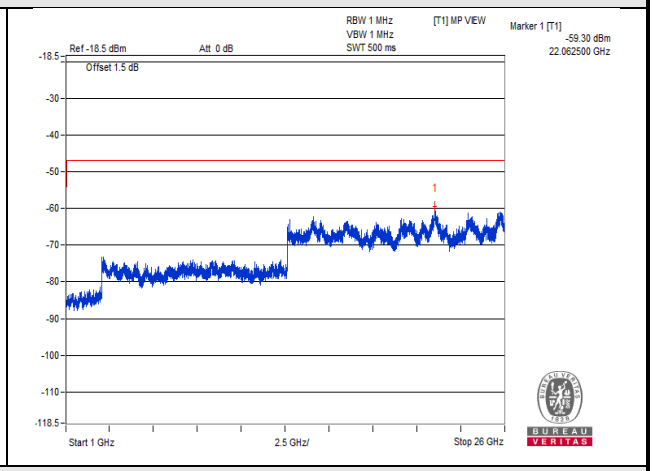
Vnormal



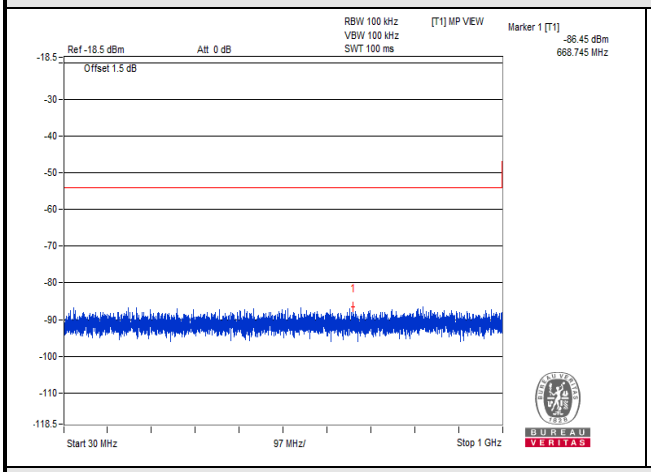


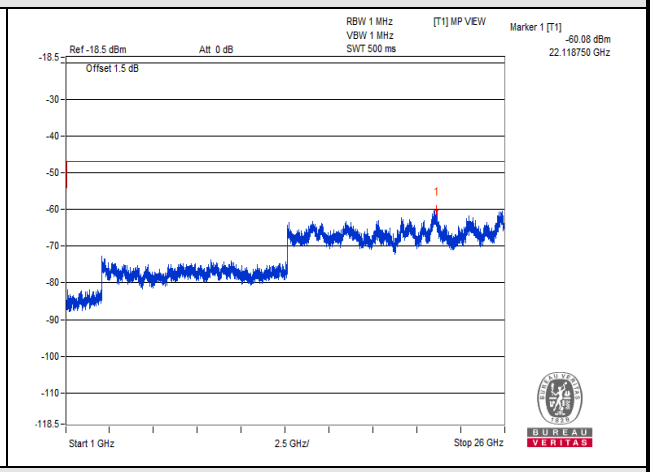
Vmax.





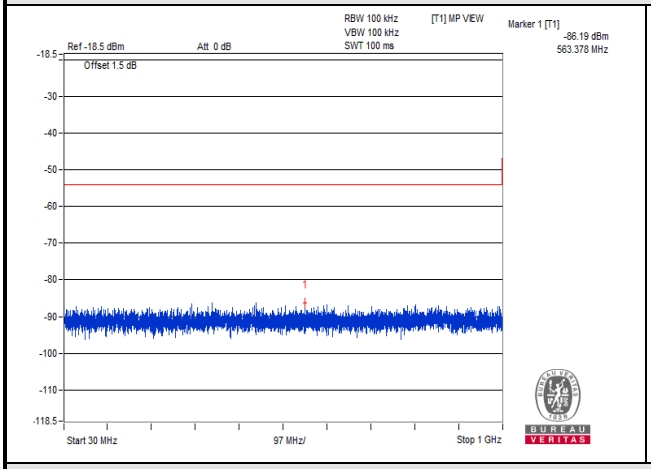
Vmin.

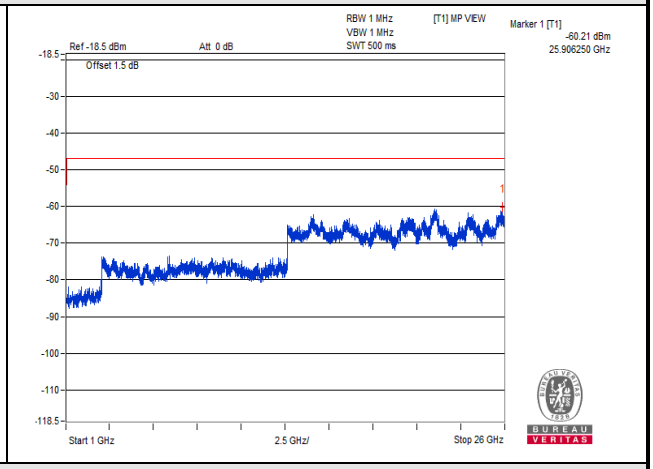




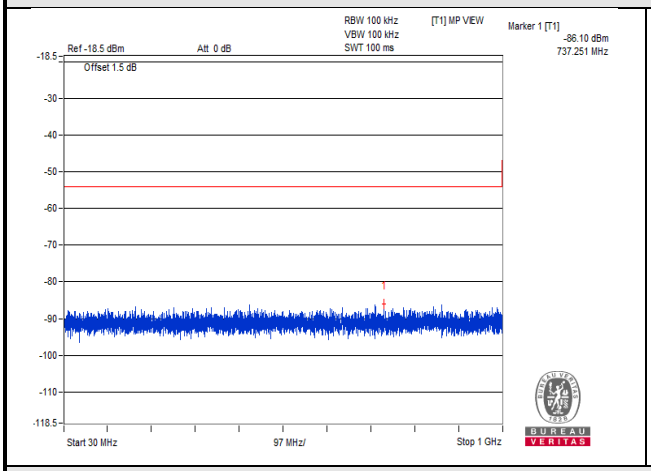
CH 62 (5310MHz)

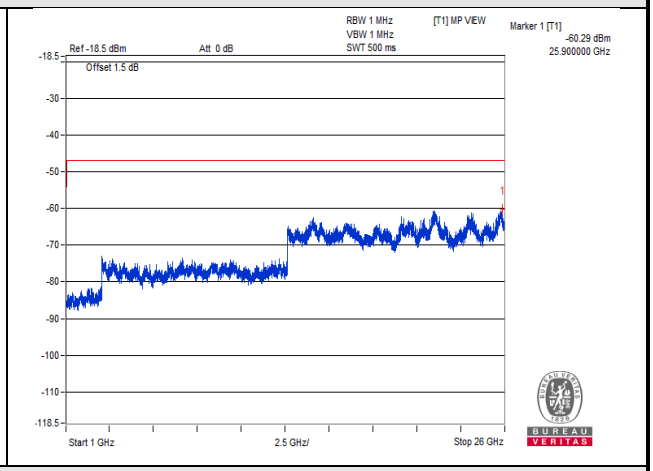
Vnormal



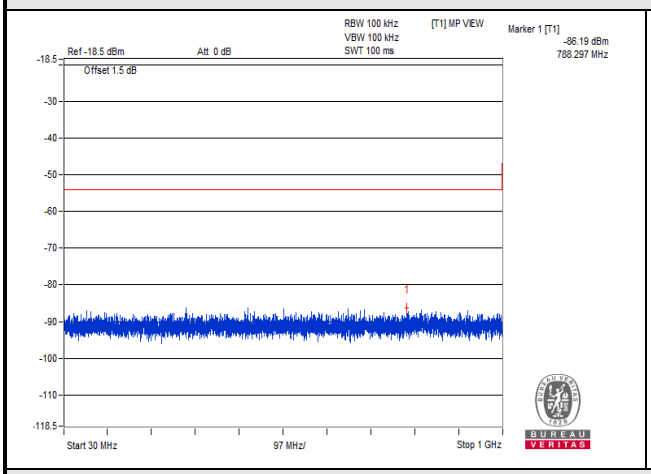


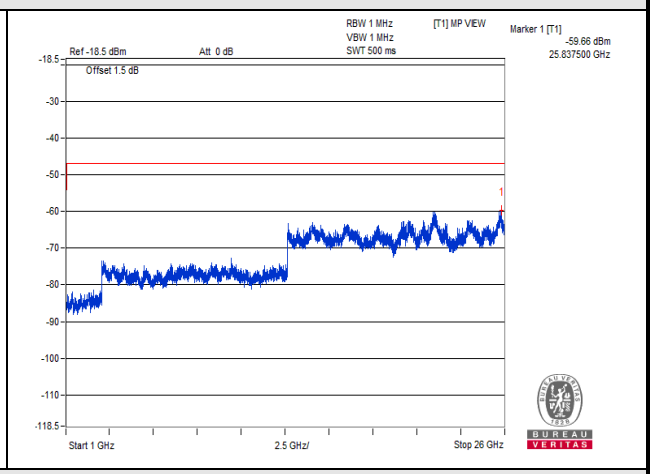
Vmax.





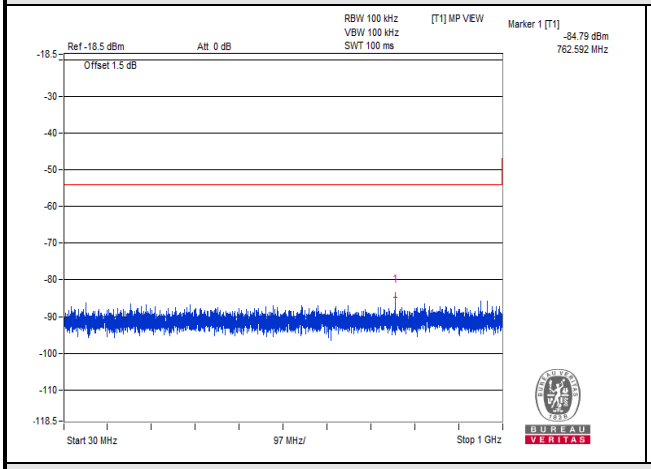
Vmin.

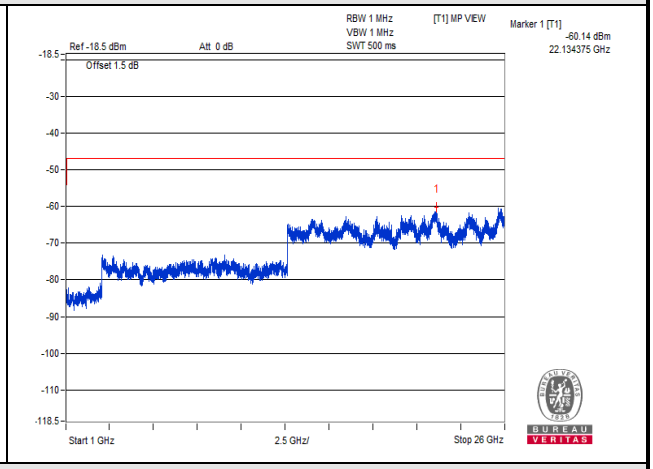




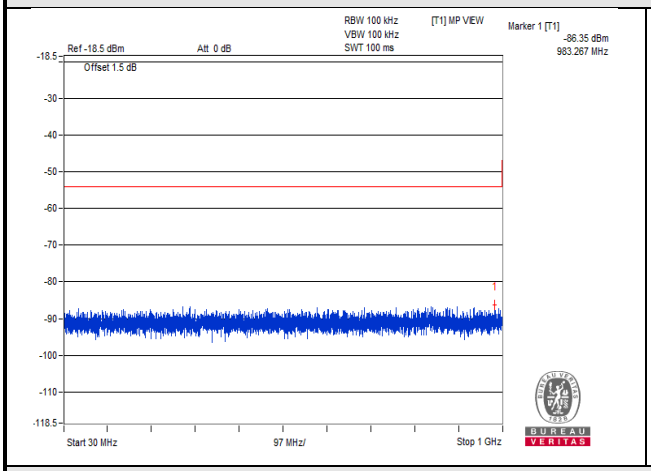
CH 102 (5510MHz)

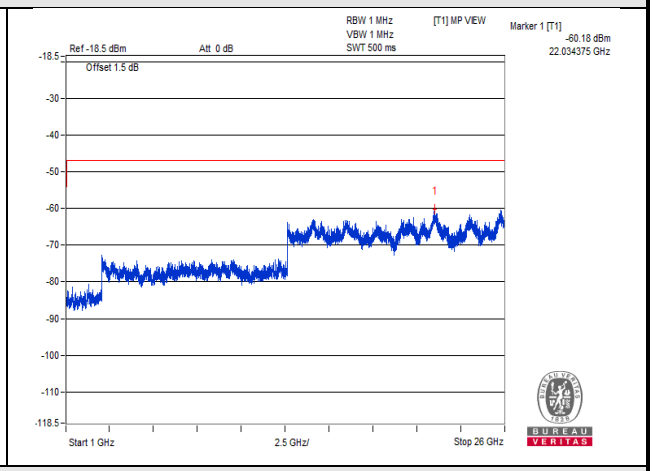
Vnormal



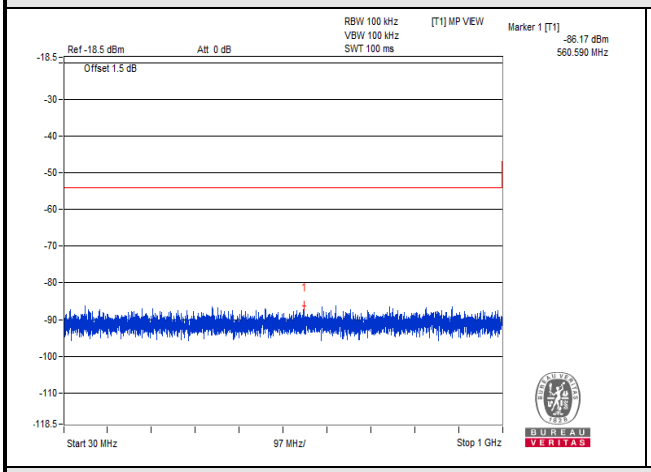


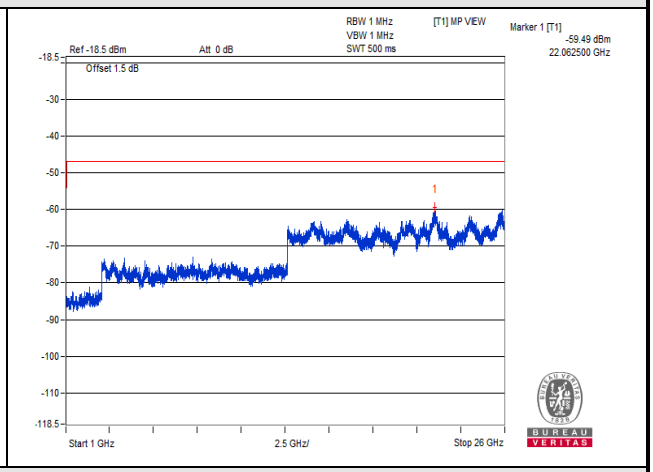
Vmax.





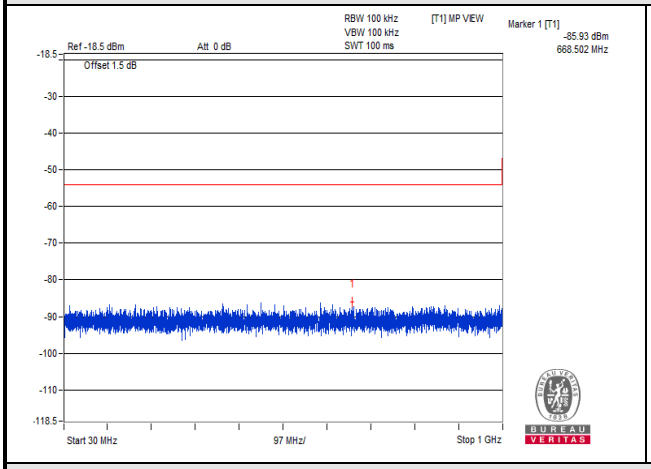
Vmin.

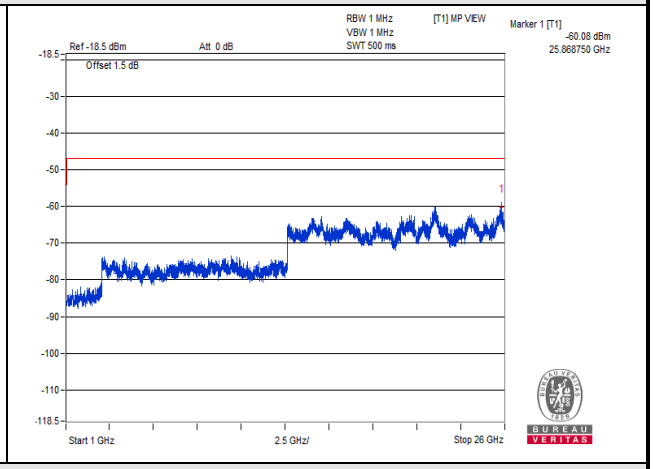




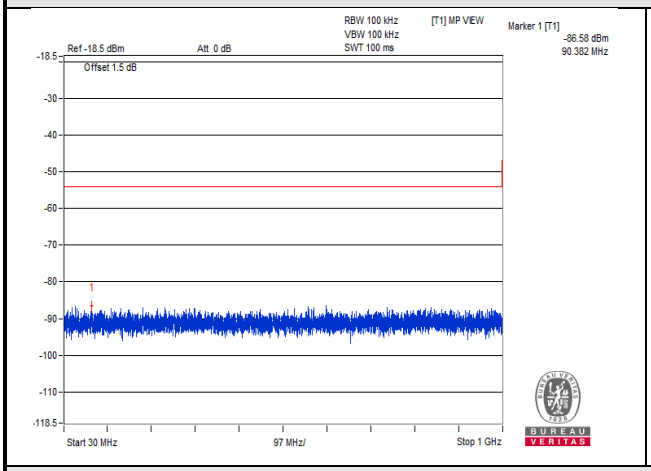
CH 118 (5590MHz)

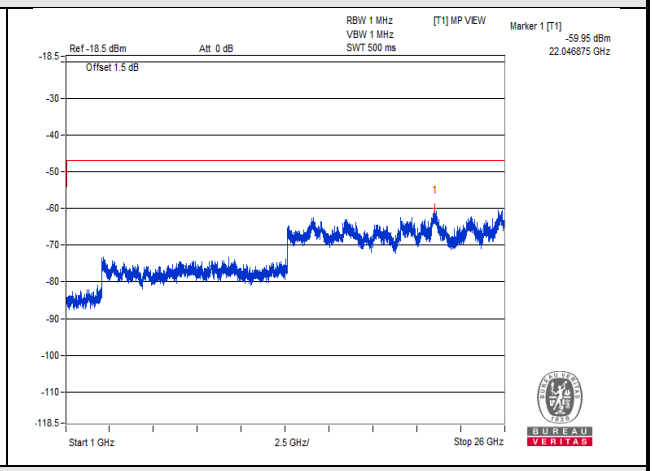
V normal



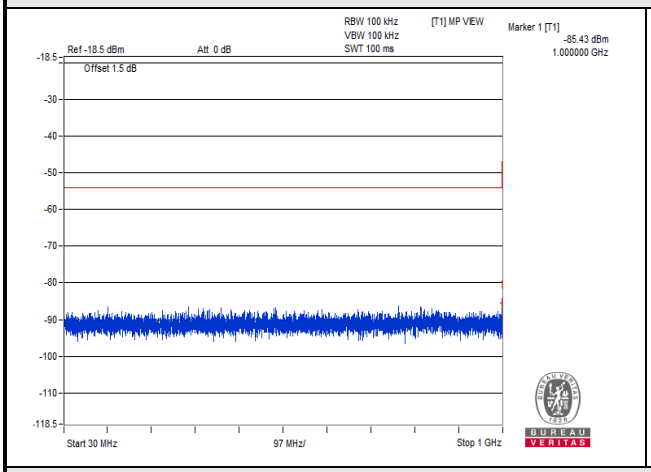


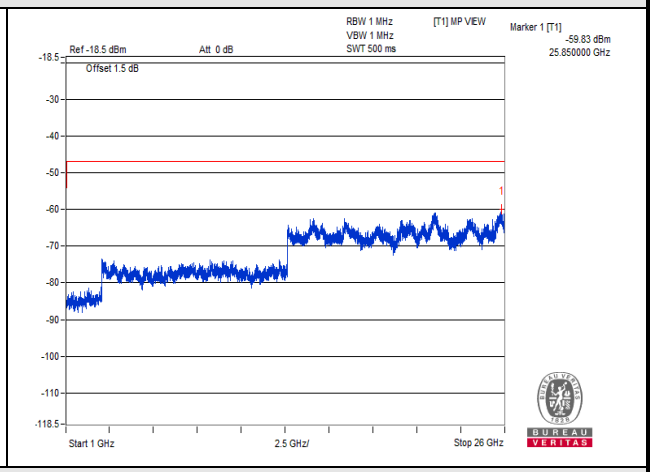
V max.





V min.





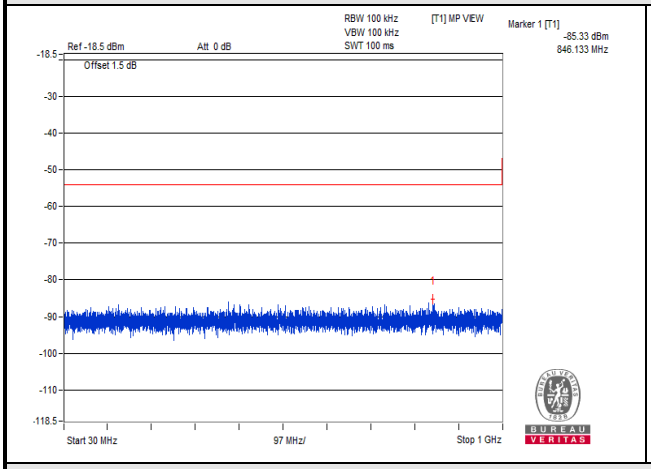
CH 142 (5710MHz)

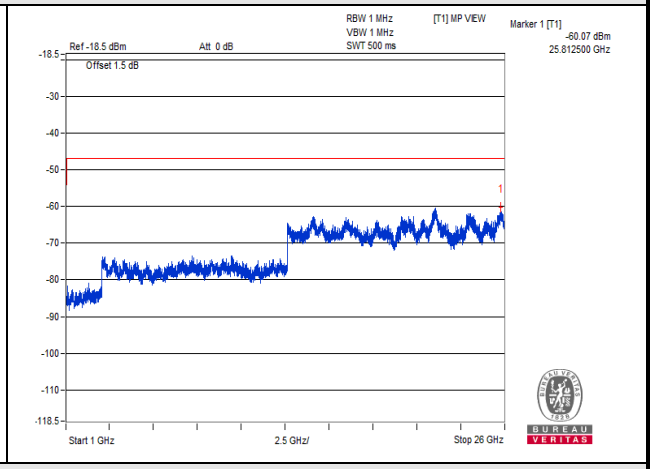
802.11ac (VHT80)

Chain B

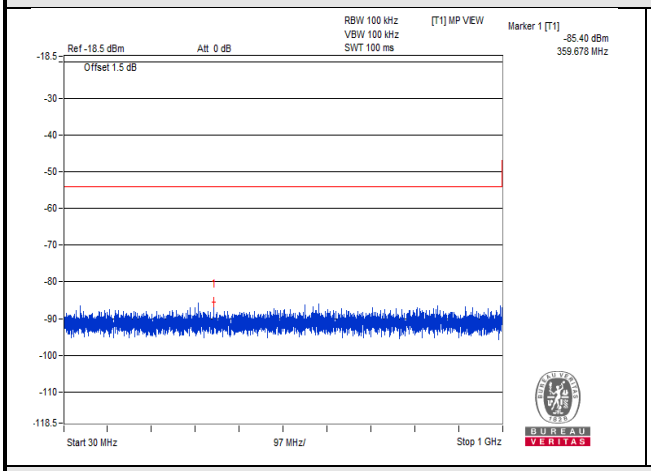
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	846.133	0.002931	4.0	PASS
	1000.0 to 26000.0	25812.500	0.984011	20.0	PASS
$V_{max.}$	30.0 to 1000.0	359.678	0.002884	4.0	PASS
	1000.0 to 26000.0	25825.000	0.988553	20.0	PASS
$V_{min.}$	30.0 to 1000.0	196.112	0.002773	4.0	PASS
	1000.0 to 26000.0	22084.375	1.111732	20.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	528.943	0.002477	4.0	PASS
	1000.0 to 26000.0	25837.500	1.135011	20.0	PASS
$V_{max.}$	30.0 to 1000.0	680.627	0.002786	4.0	PASS
	1000.0 to 26000.0	21946.875	0.912011	20.0	PASS
$V_{min.}$	30.0 to 1000.0	430.125	0.002239	4.0	PASS
	1000.0 to 26000.0	22053.125	1.148154	20.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	159.495	0.002404	4.0	PASS
	1000.0 to 26000.0	25806.250	0.922571	20.0	PASS
$V_{max.}$	30.0 to 1000.0	127.000	0.002404	4.0	PASS
	1000.0 to 26000.0	22034.375	1.276439	20.0	PASS
$V_{min.}$	30.0 to 1000.0	933.433	0.002415	4.0	PASS
	1000.0 to 26000.0	22053.125	1.169499	20.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	641.827	0.002438	4.0	PASS
	1000.0 to 26000.0	22037.500	1.218990	20.0	PASS
$V_{max.}$	30.0 to 1000.0	746.466	0.041115	4.0	PASS
	1000.0 to 26000.0	25843.750	0.966051	20.0	PASS
$V_{min.}$	30.0 to 1000.0	583.385	0.003097	4.0	PASS
	1000.0 to 26000.0	25843.750	1.054387	20.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	341.006	0.002239	4.0	PASS
	1000.0 to 26000.0	21996.875	1.174898	20.0	PASS
$V_{max.}$	30.0 to 1000.0	388.778	0.002831	4.0	PASS
	1000.0 to 26000.0	25846.875	0.977237	20.0	PASS
$V_{min.}$	30.0 to 1000.0	982.418	0.002547	4.0	PASS
	1000.0 to 26000.0	25856.250	1.309182	20.0	PASS

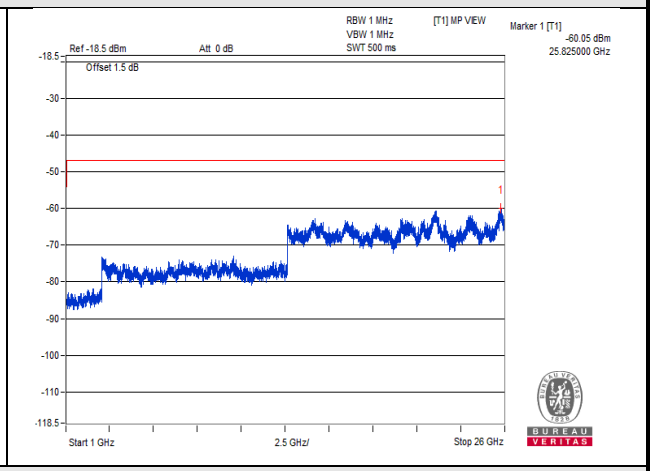
Vnormal



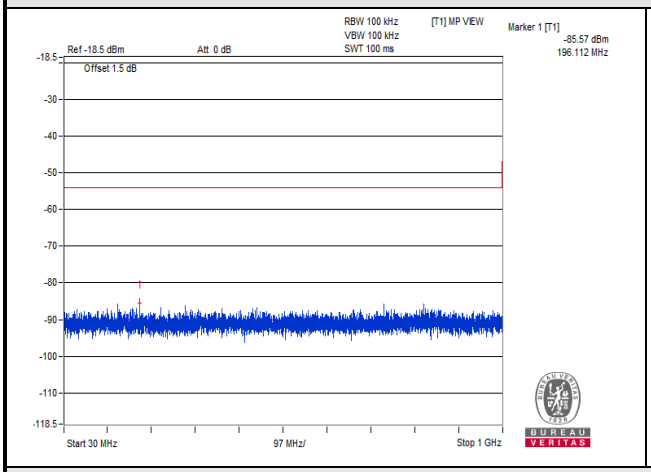


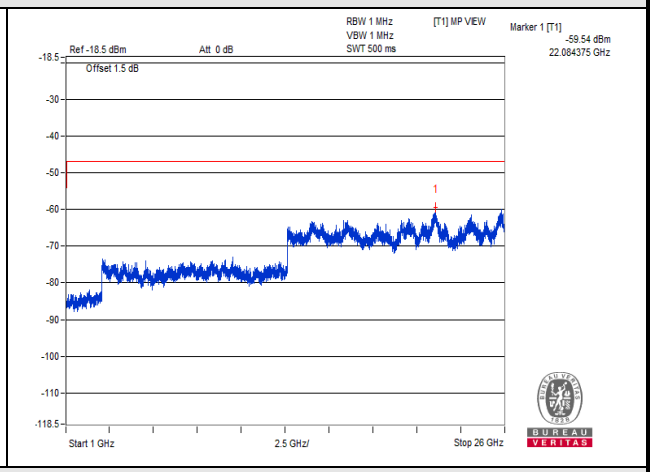
Vmax.





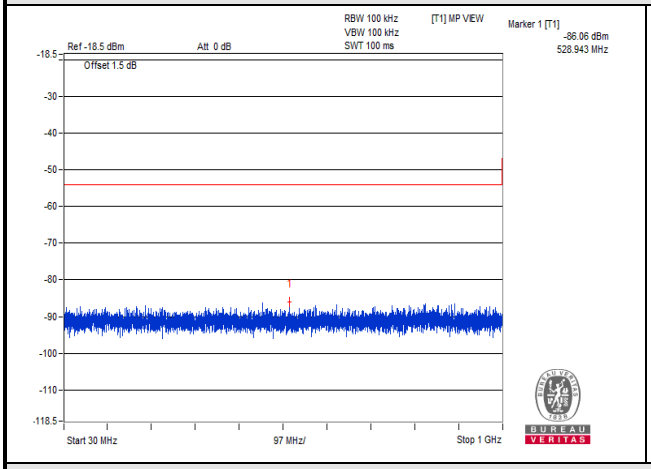
Vmin.

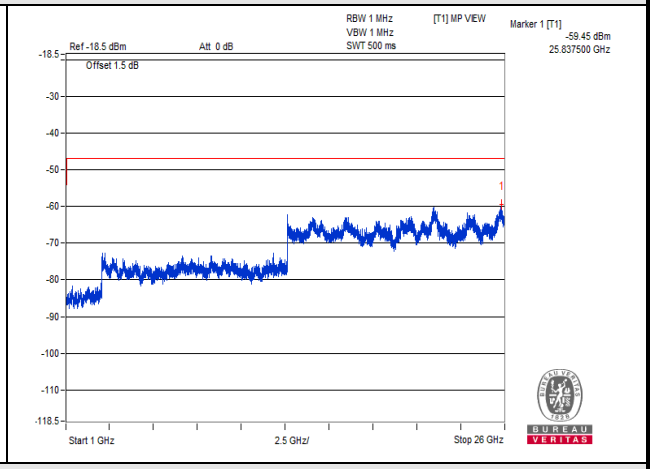




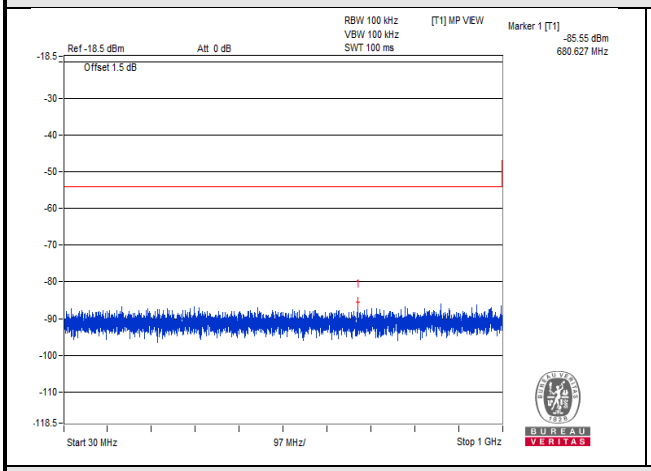
CH 42 (5210MHz)

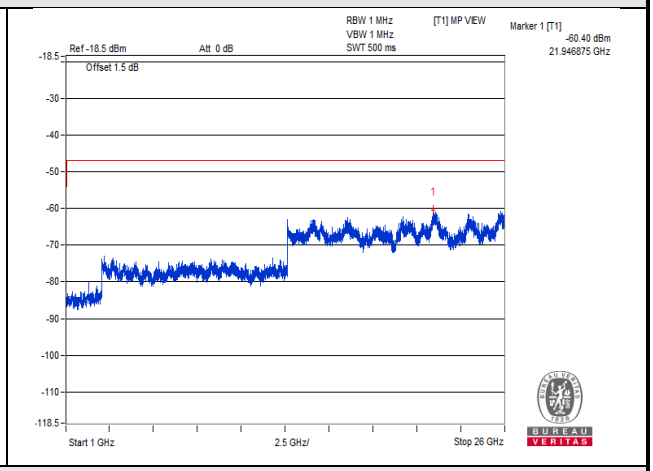
Vnormal



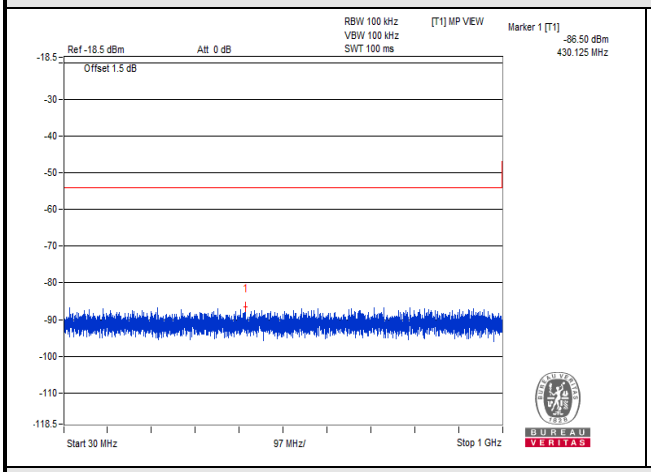


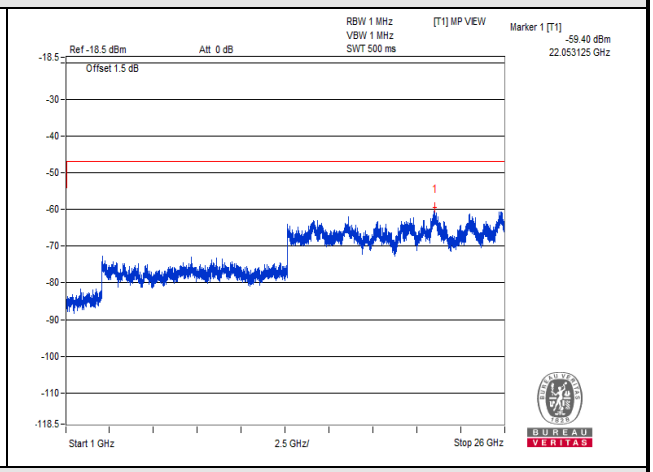
Vmax.





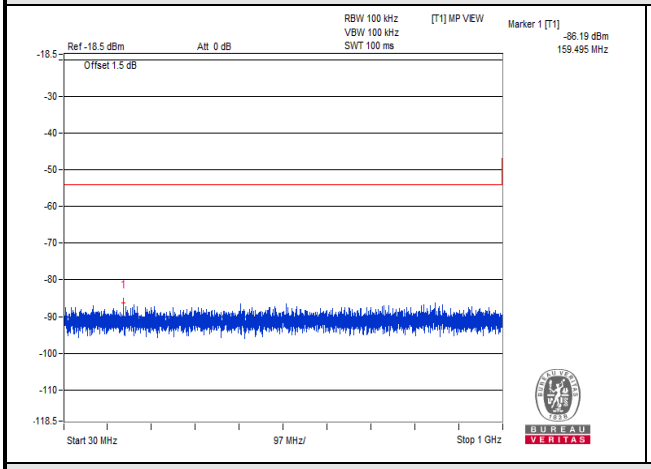
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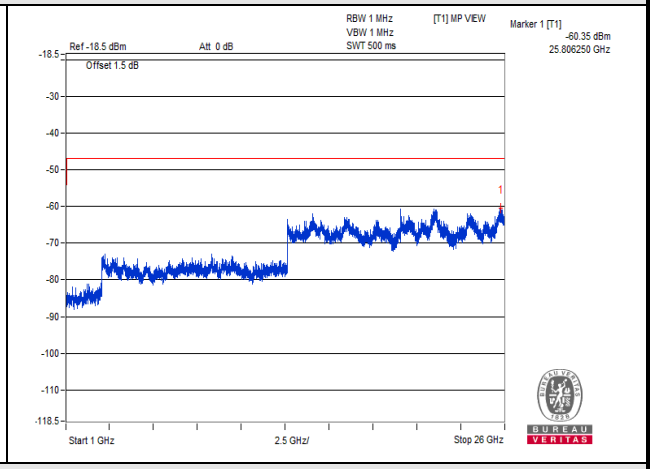




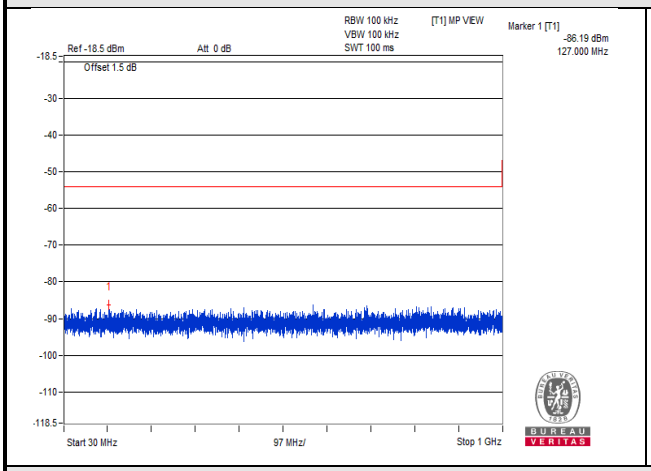
CH 58 (5290MHz)

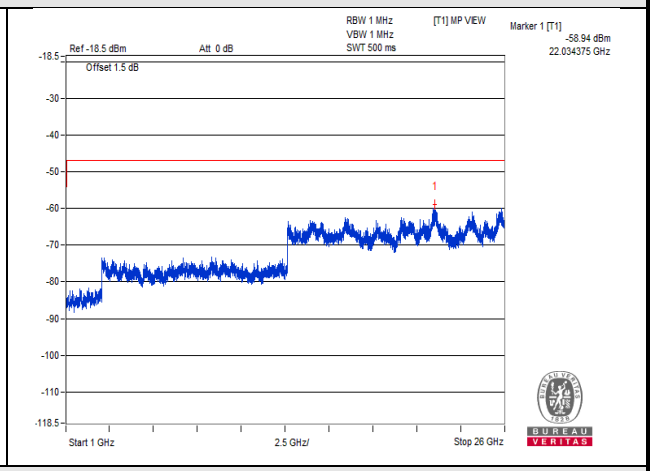
Vnormal



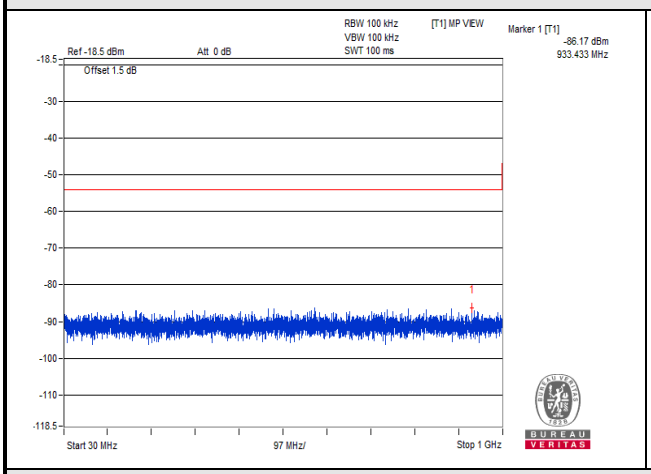


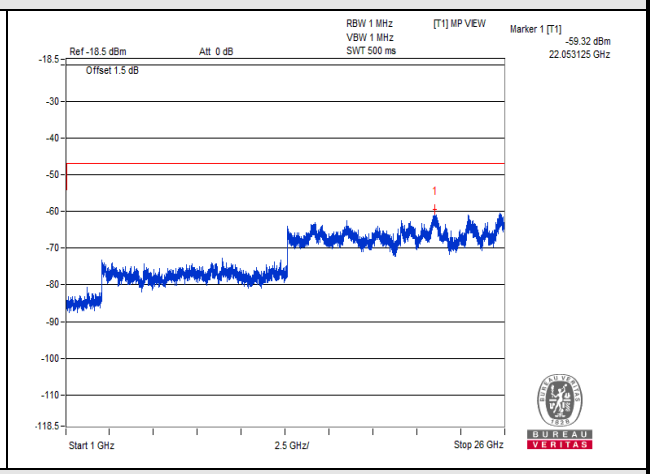
Vmax.





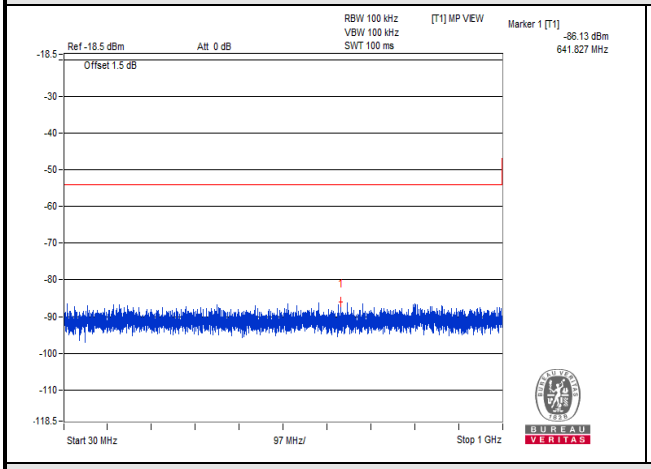
Vmin.

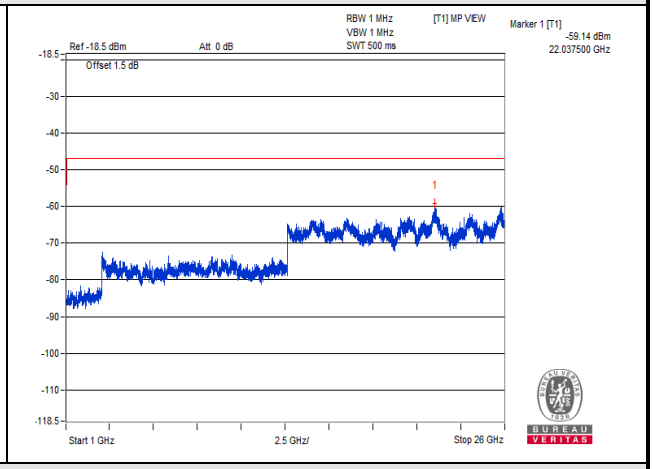




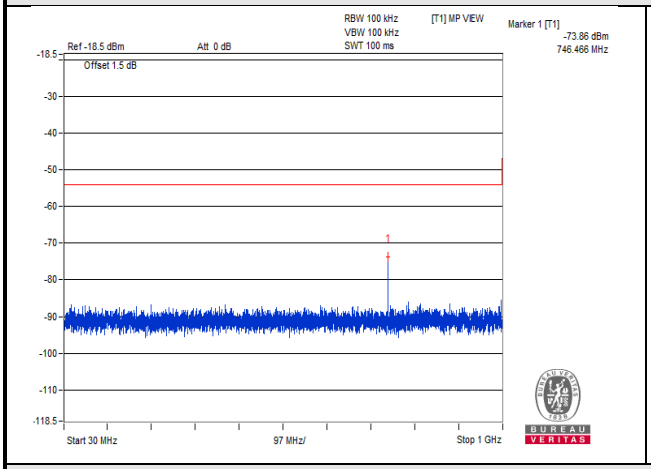
CH 106 (5530MHz)

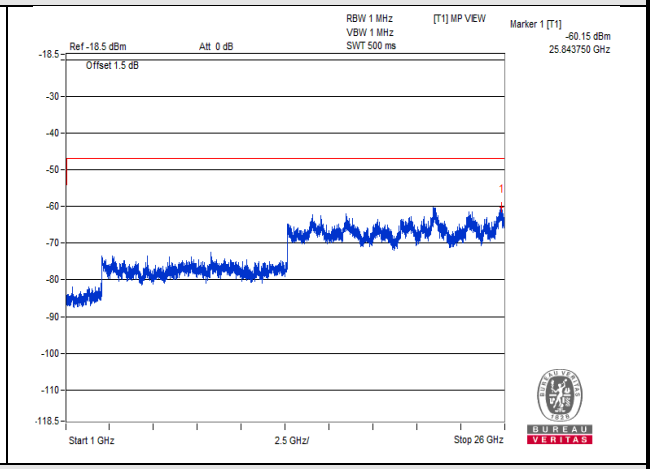
Vnormal



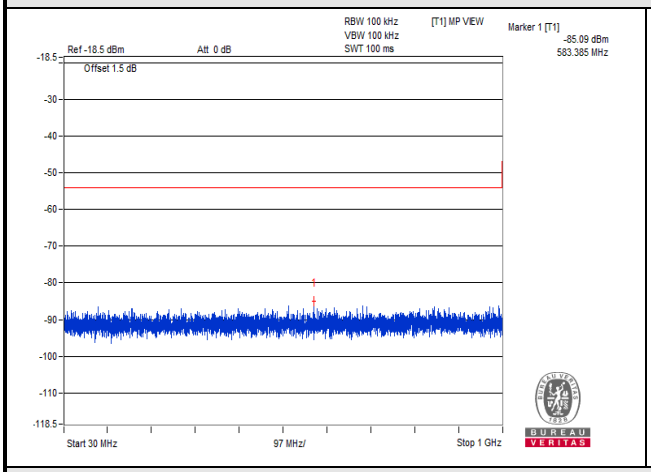


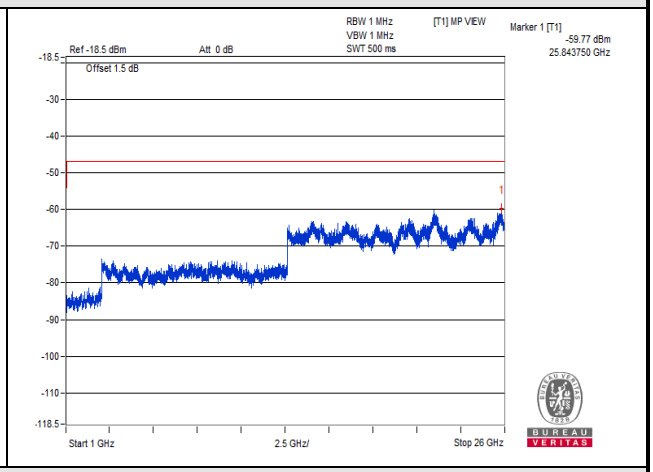
Vmax.





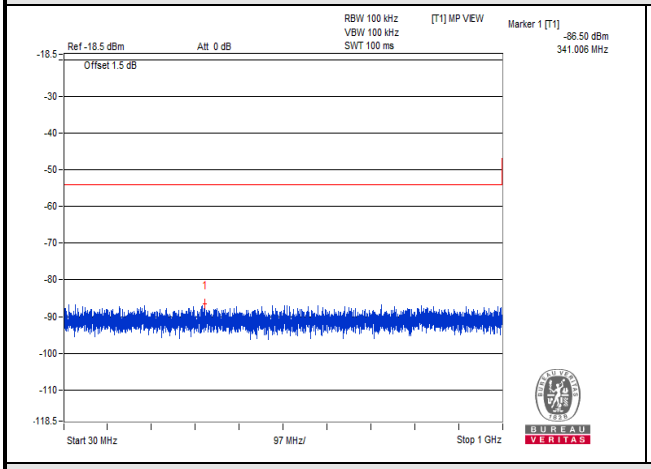
Vmin.

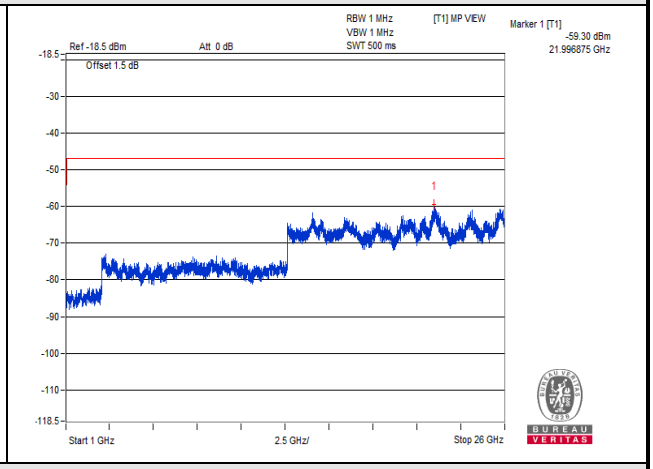




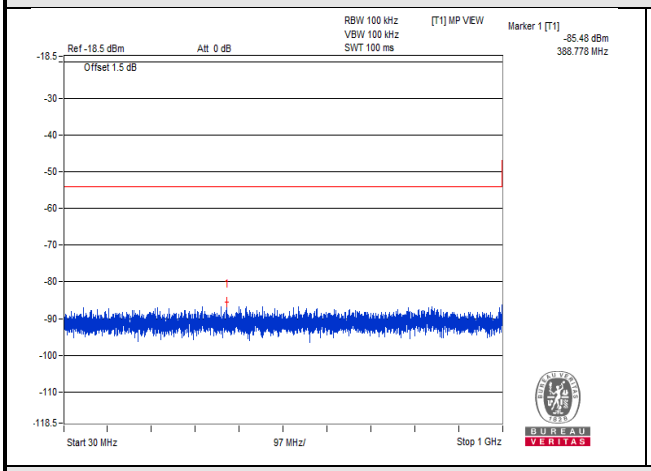
CH 122 (5610MHz)

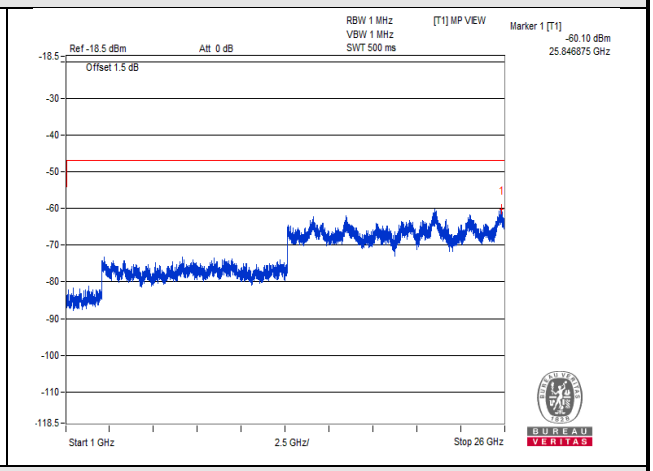
Vnormal



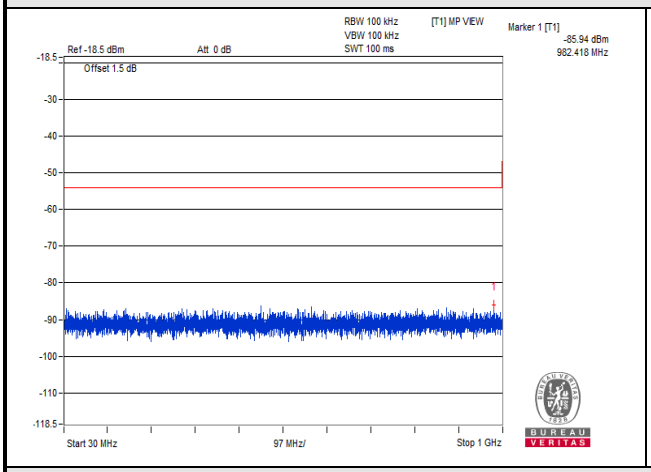


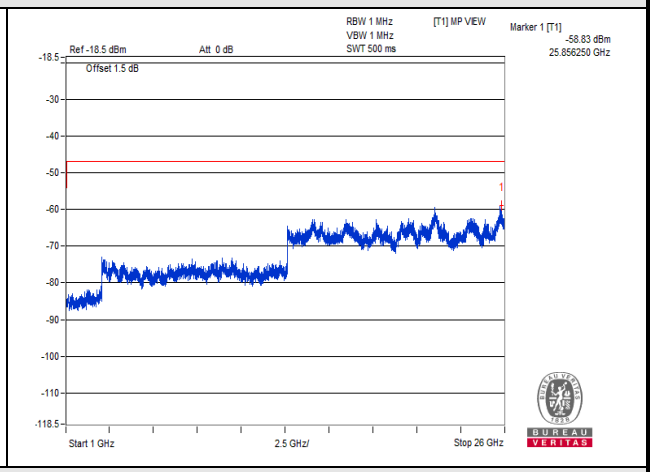
Vmax.





Vmin.





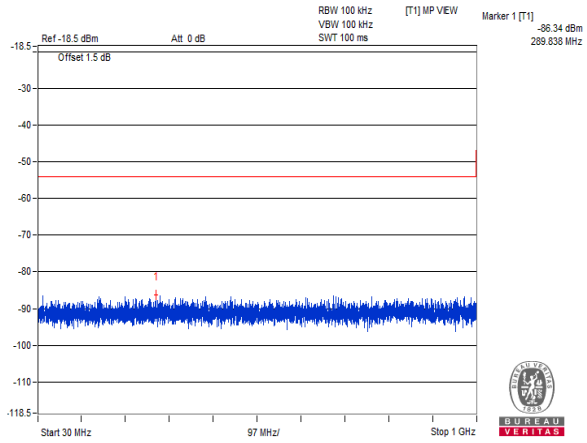
CH 138 (5690MHz)

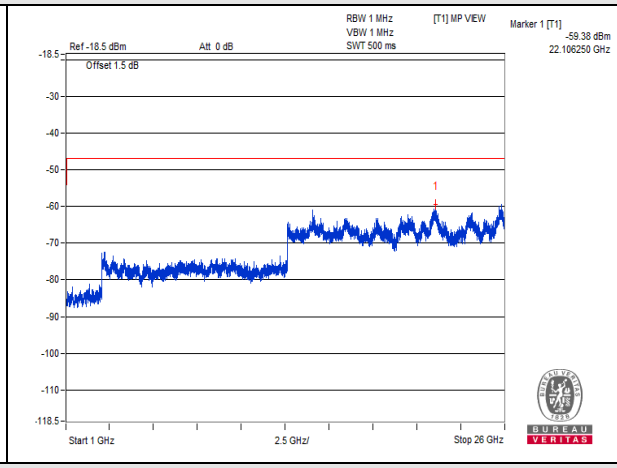
802.11ac (VHT160)

Chain B

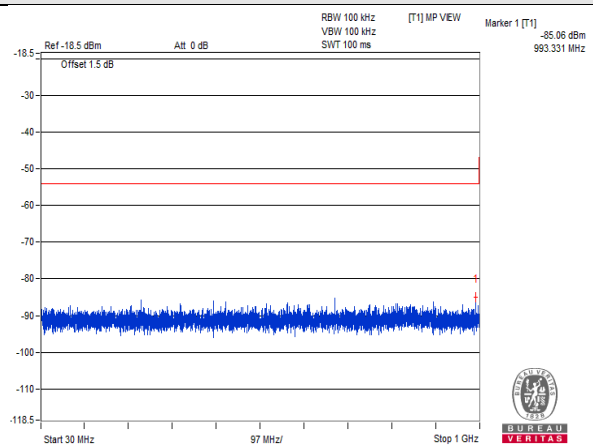
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	289.838	0.002323	4.0	PASS
	1000.0 to 26000.0	22106.250	1.153453	20.0	PASS
$V_{max.}$	30.0 to 1000.0	993.331	0.003119	4.0	PASS
	1000.0 to 26000.0	22018.750	0.827942	20.0	PASS
$V_{min.}$	30.0 to 1000.0	877.901	0.002265	4.0	PASS
	1000.0 to 26000.0	25853.125	1.069055	20.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	860.562	0.002831	4.0	PASS
	1000.0 to 26000.0	25825.000	0.922571	20.0	PASS
$V_{max.}$	30.0 to 1000.0	951.621	0.002371	4.0	PASS
	1000.0 to 26000.0	25784.375	0.944061	20.0	PASS
$V_{min.}$	30.0 to 1000.0	686.447	0.002355	4.0	PASS
	1000.0 to 26000.0	25796.875	0.918333	20.0	PASS

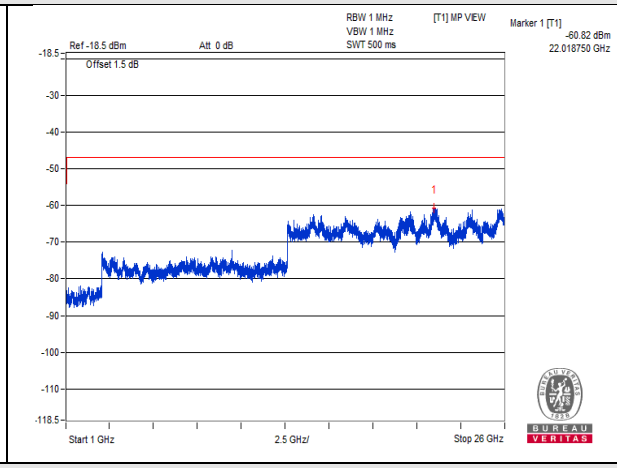
Vnormal



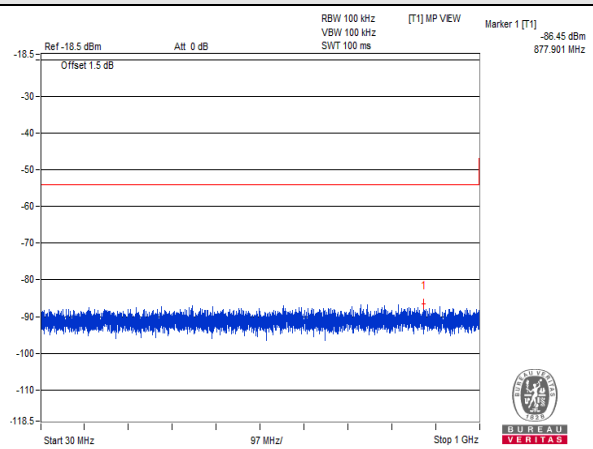


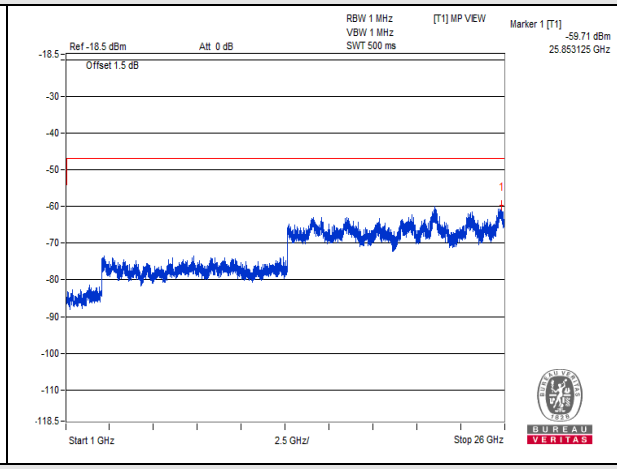
Vmax.





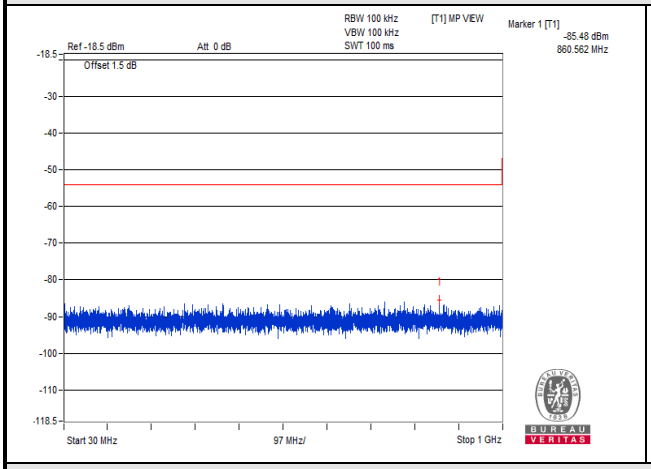
Vmin.

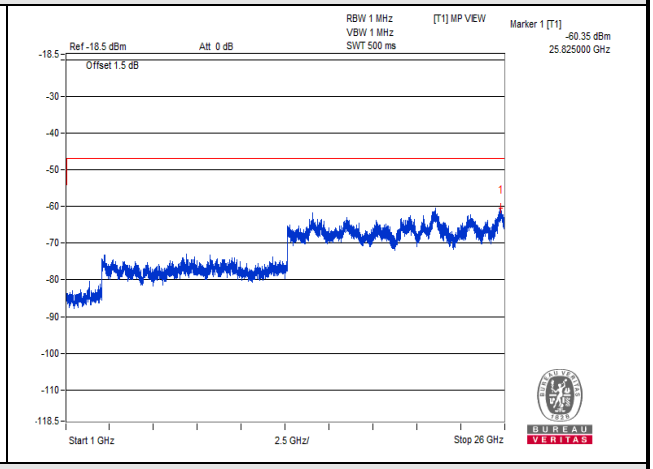




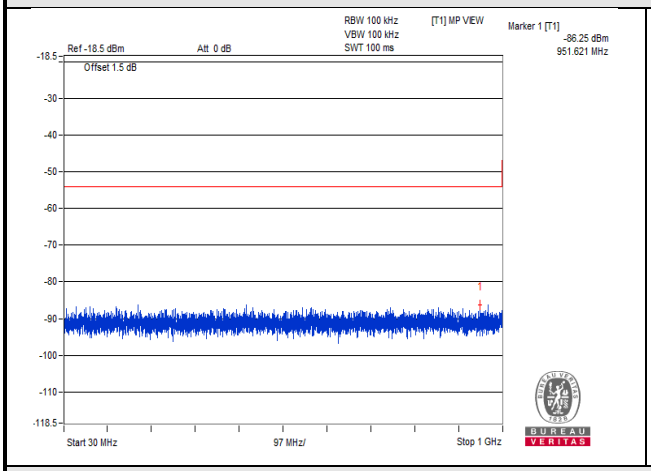
CH 50 (5250MHz)

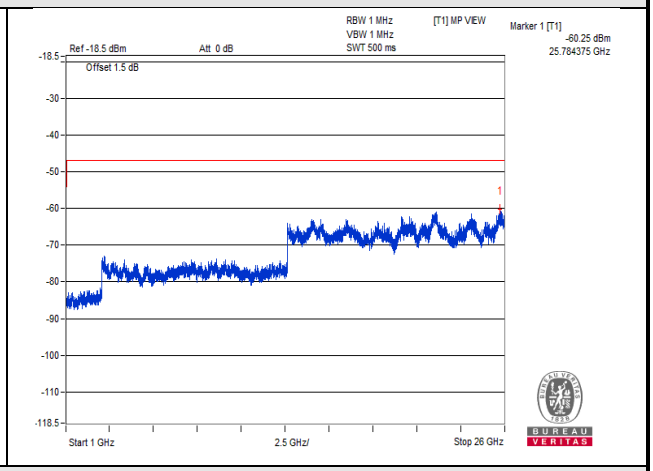
Vnormal



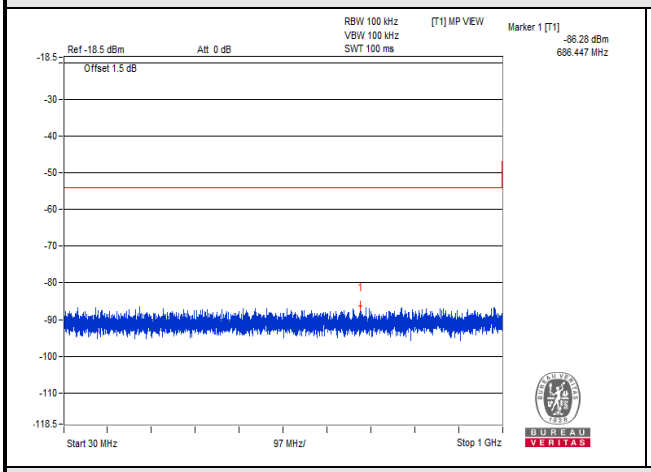


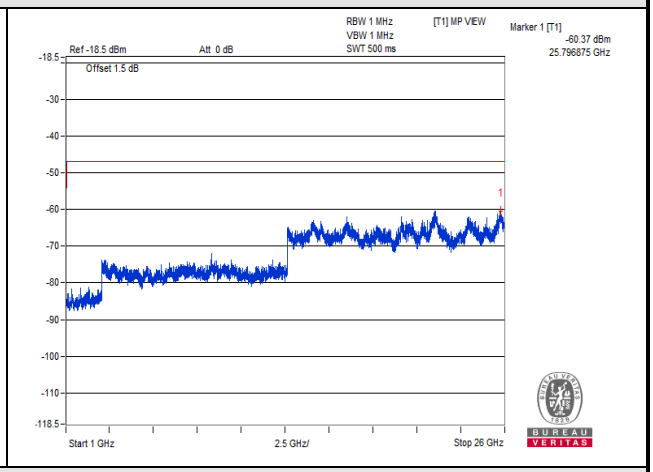
Vmax.





Vmin.





CH 114 (5570MHz)

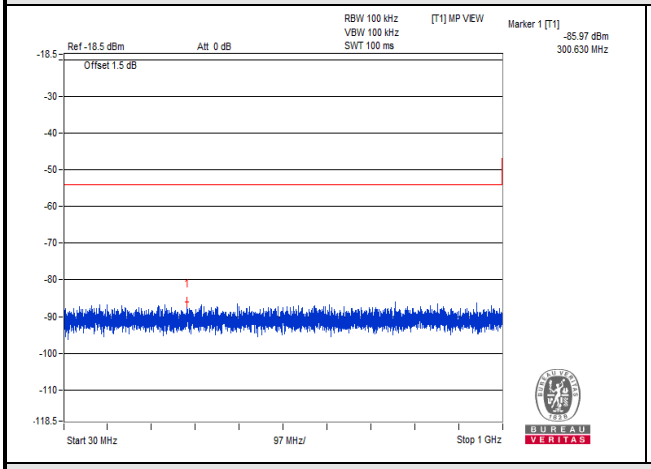
802.11ax (HE20)

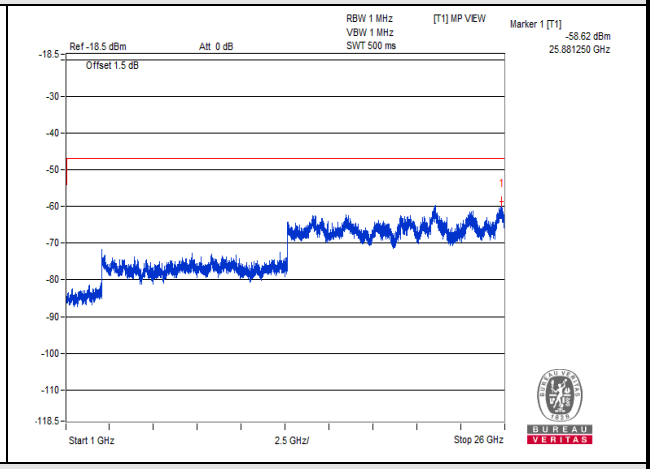
Chain B

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	300.630	0.002529	4.0	PASS
	1000.0 to 26000.0	25881.250	1.374042	20.0	PASS
$V_{max.}$	30.0 to 1000.0	382.958	0.002328	4.0	PASS
	1000.0 to 26000.0	22025.000	1.253141	20.0	PASS
$V_{min.}$	30.0 to 1000.0	41.397	0.002748	4.0	PASS
	1000.0 to 26000.0	25762.500	1.158777	20.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	392.416	0.002951	4.0	PASS
	1000.0 to 26000.0	22034.375	1.150800	20.0	PASS
$V_{max.}$	30.0 to 1000.0	945.558	0.002858	4.0	PASS
	1000.0 to 26000.0	25900.000	1.099006	20.0	PASS
$V_{min.}$	30.0 to 1000.0	252.615	0.002495	4.0	PASS
	1000.0 to 26000.0	25840.625	1.196741	20.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	952.712	0.002344	4.0	PASS
	1000.0 to 26000.0	21965.625	1.124605	20.0	PASS
$V_{max.}$	30.0 to 1000.0	863.957	0.002838	4.0	PASS
	1000.0 to 26000.0	25743.750	1.406048	20.0	PASS
$V_{min.}$	30.0 to 1000.0	949.317	0.002685	4.0	PASS
	1000.0 to 26000.0	22050.000	1.489361	20.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	861.168	0.002296	4.0	PASS
	1000.0 to 26000.0	22050.000	1.011579	20.0	PASS
$V_{max.}$	30.0 to 1000.0	419.212	0.002742	4.0	PASS
	1000.0 to 26000.0	25800.000	1.315225	20.0	PASS
$V_{min.}$	30.0 to 1000.0	548.828	0.003656	4.0	PASS
	1000.0 to 26000.0	22087.500	1.096478	20.0	PASS

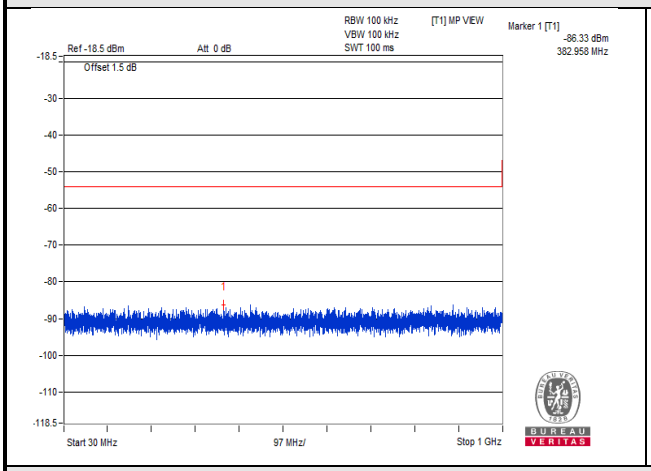
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	254.676	0.002723	4.0	PASS
	1000.0 to 26000.0	25759.375	1.655770	20.0	PASS
$V_{max.}$	30.0 to 1000.0	953.076	0.002438	4.0	PASS
	1000.0 to 26000.0	25831.250	1.066596	20.0	PASS
$V_{min.}$	30.0 to 1000.0	570.047	0.002588	4.0	PASS
	1000.0 to 26000.0	25781.250	1.361445	20.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	830.735	0.003162	4.0	PASS
	1000.0 to 26000.0	25893.750	1.358313	20.0	PASS
$V_{max.}$	30.0 to 1000.0	185.563	0.002570	4.0	PASS
	1000.0 to 26000.0	22153.125	1.428894	20.0	PASS
$V_{min.}$	30.0 to 1000.0	725.247	0.003597	4.0	PASS
	1000.0 to 26000.0	22090.625	1.104079	20.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	974.537	0.002642	4.0	PASS
	1000.0 to 26000.0	24143.750	1.250259	20.0	PASS
$V_{max.}$	30.0 to 1000.0	316.635	0.002877	4.0	PASS
	1000.0 to 26000.0	22015.625	1.185769	20.0	PASS
$V_{min.}$	30.0 to 1000.0	803.938	0.002618	4.0	PASS
	1000.0 to 26000.0	22034.375	1.071519	20.0	PASS

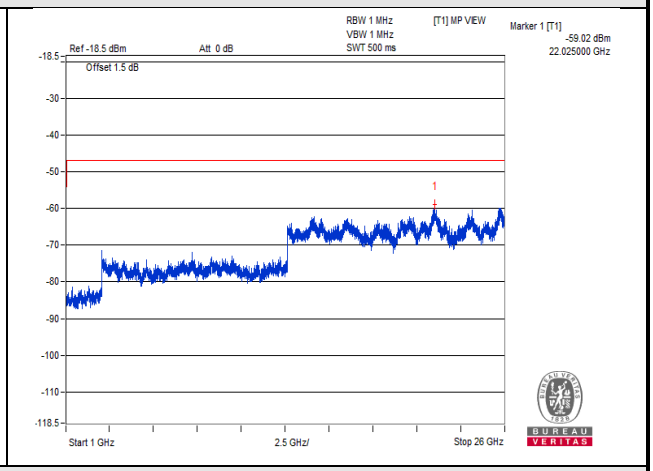
Vnormal



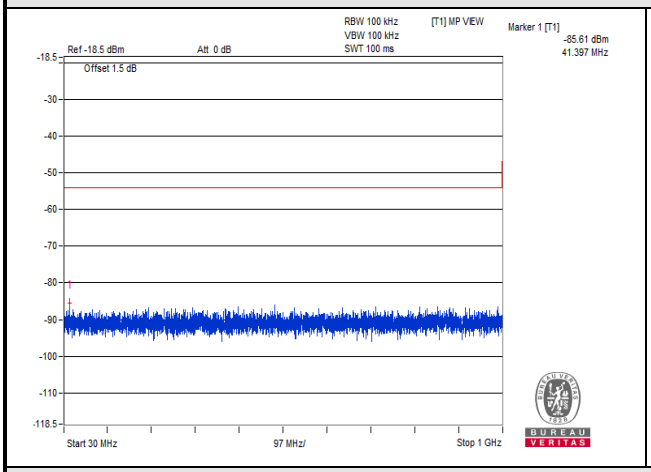


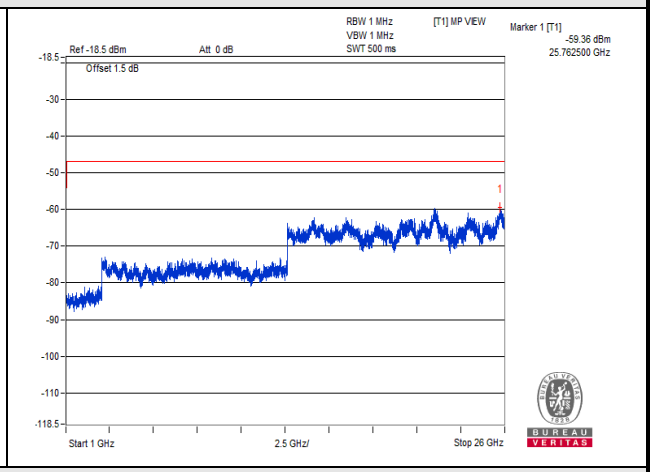
Vmax.





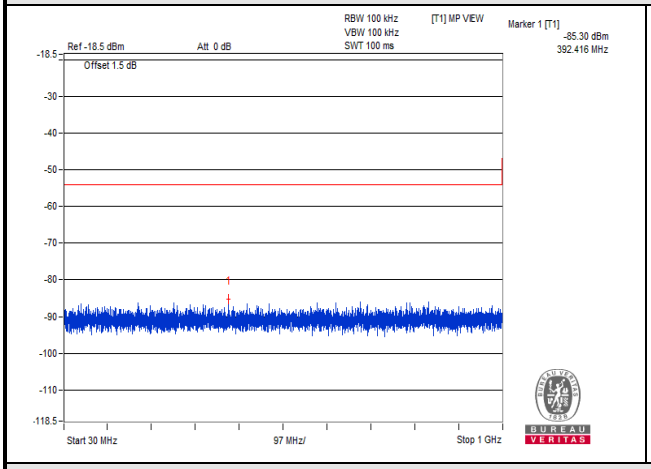
Vmin.

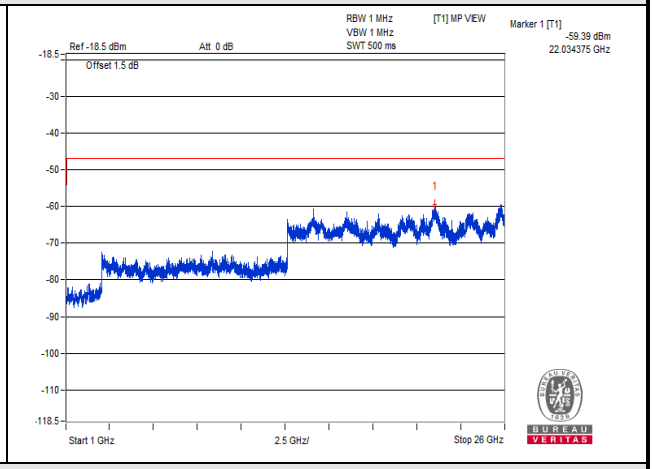




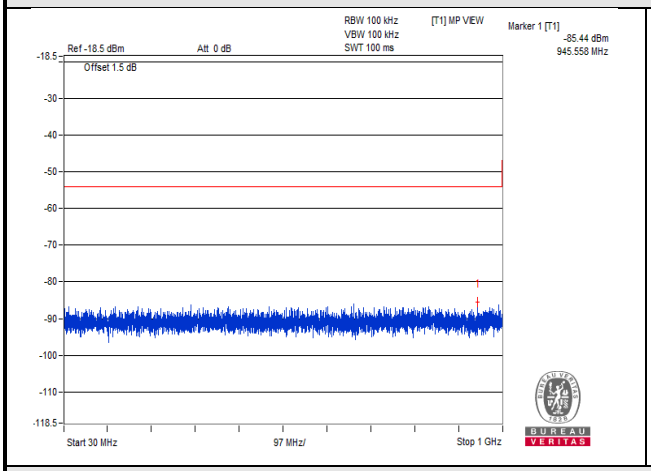
CH 36 (5180MHz)

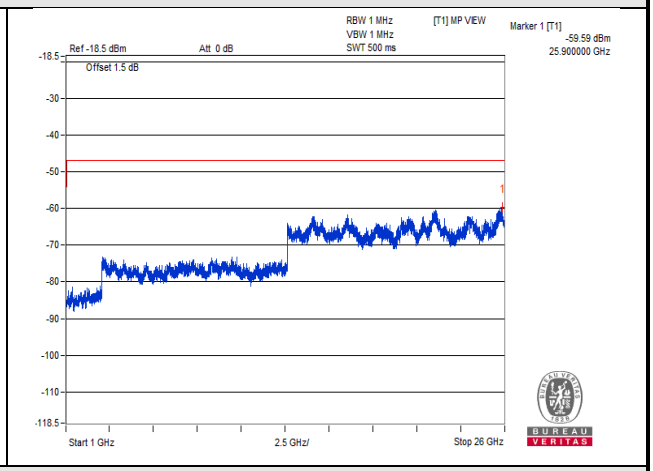
Vnormal



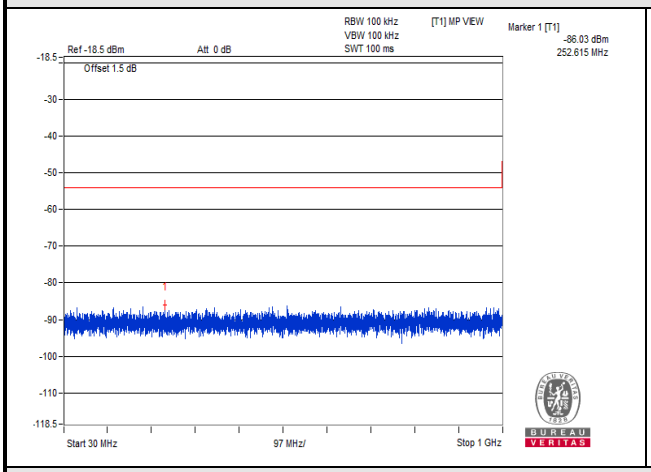


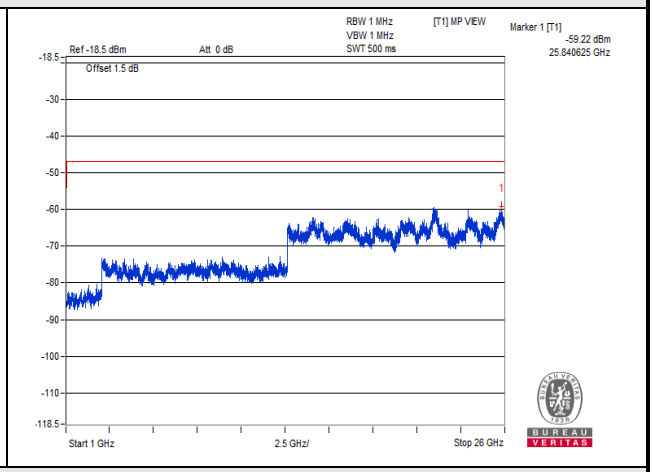
Vmax.





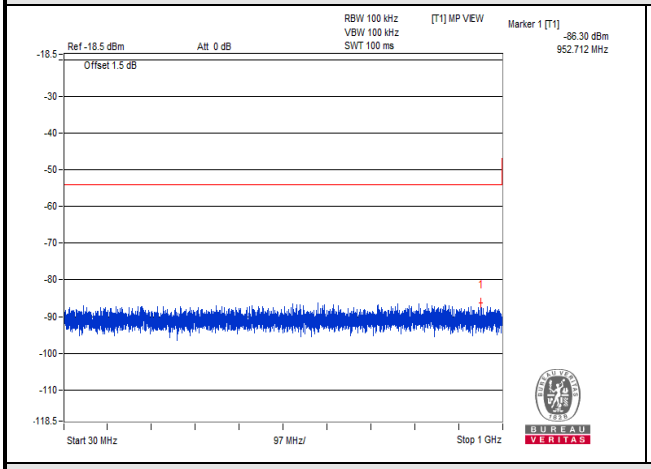
Vmin.

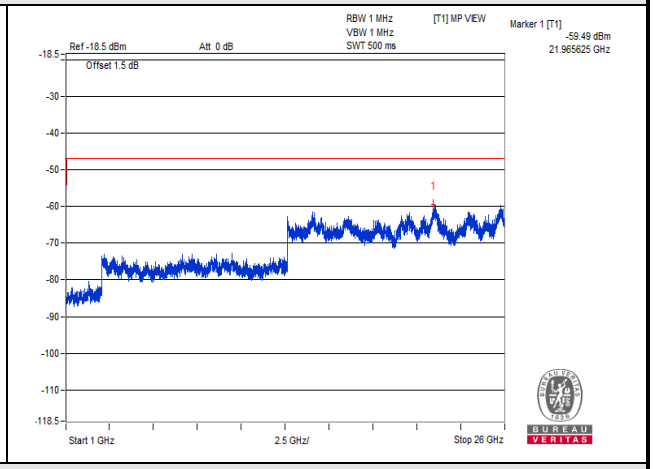




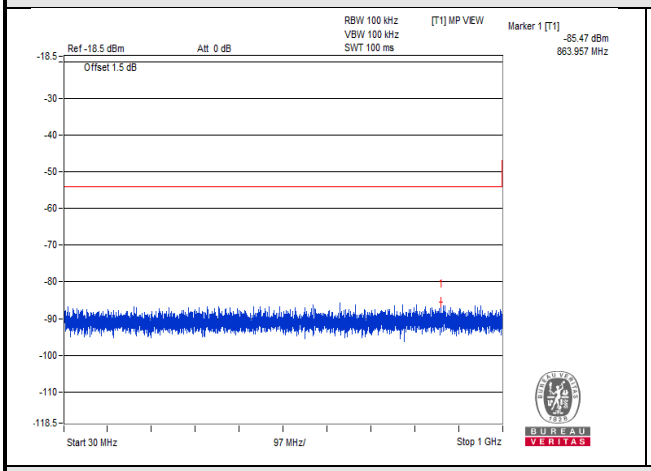
CH 48 (5240MHz)

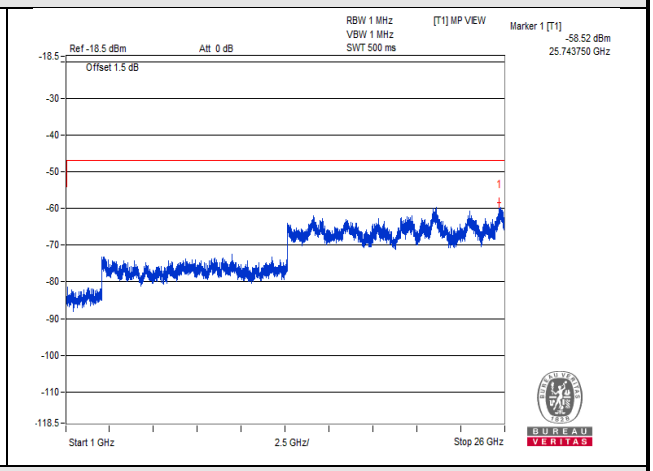
Vnormal



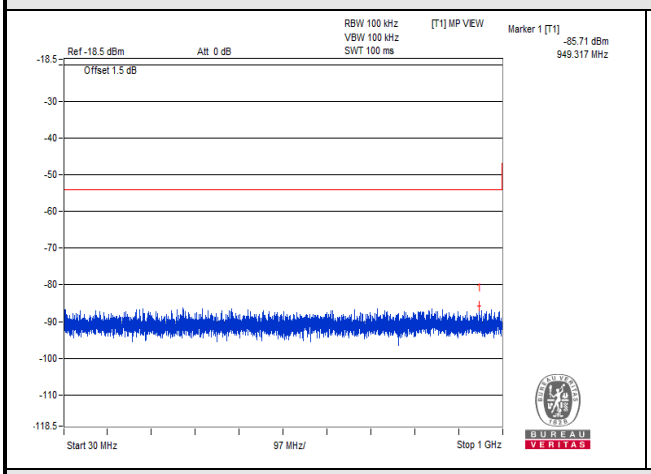


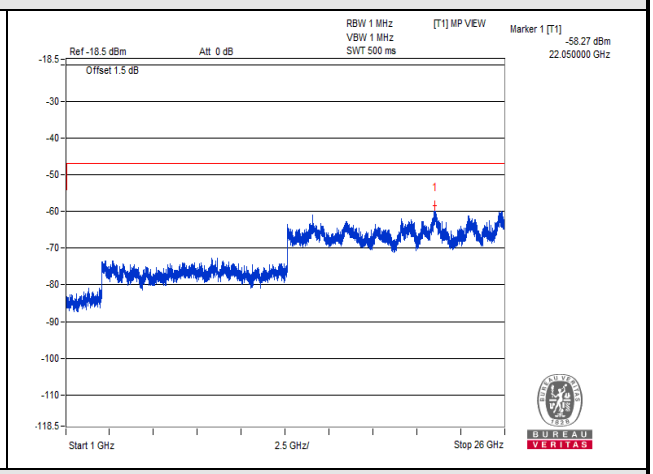
Vmax.





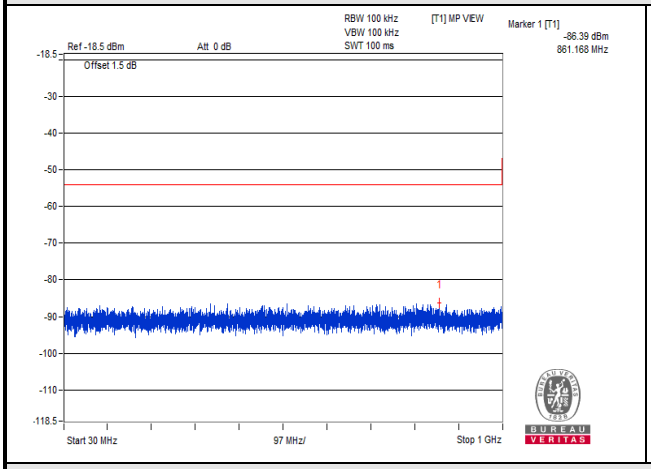
Vmin.

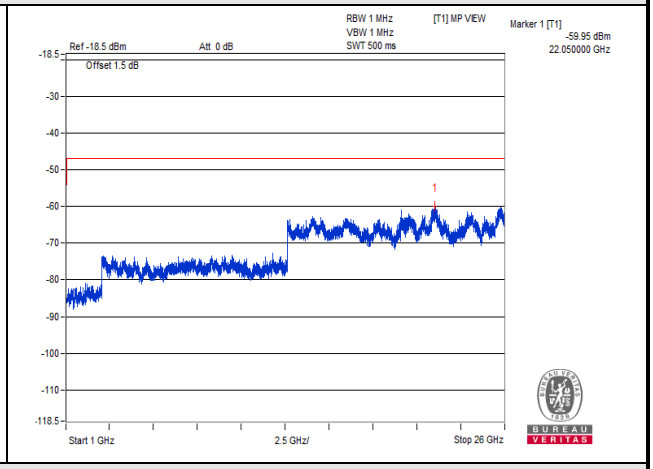




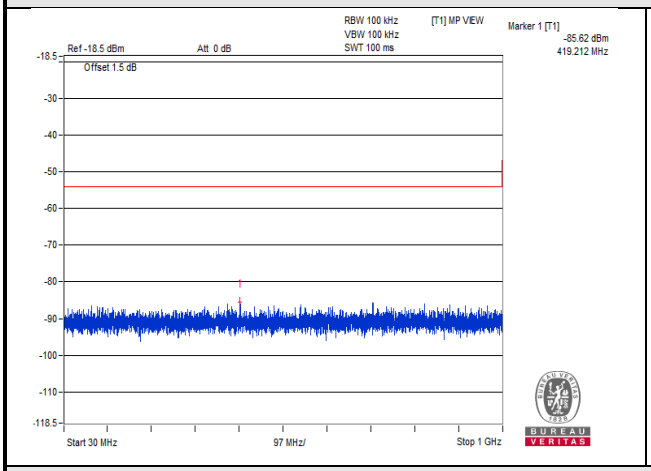
CH 52 (5260MHz)

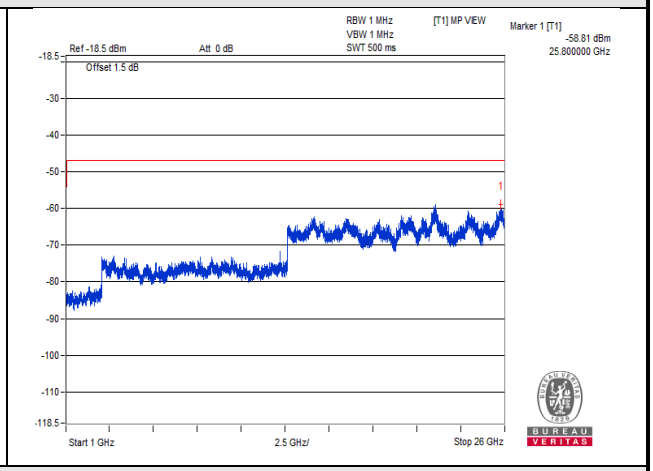
Vnormal



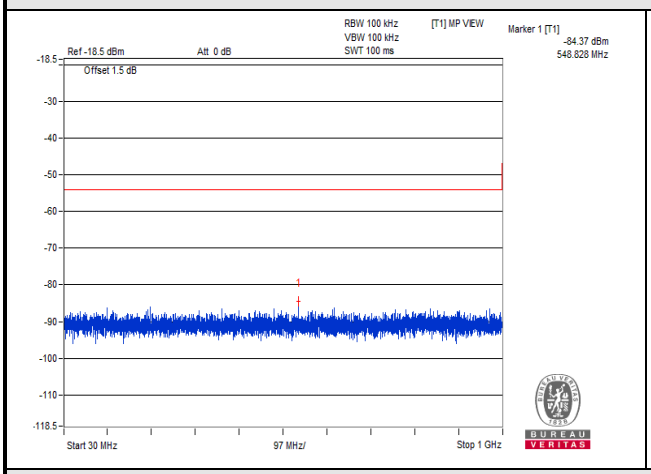


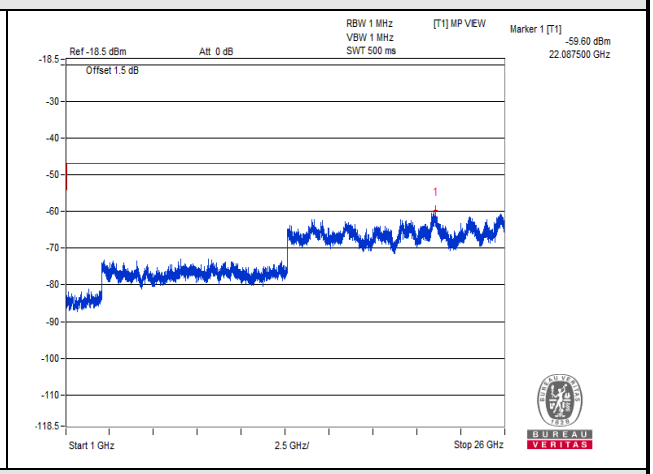
Vmax.





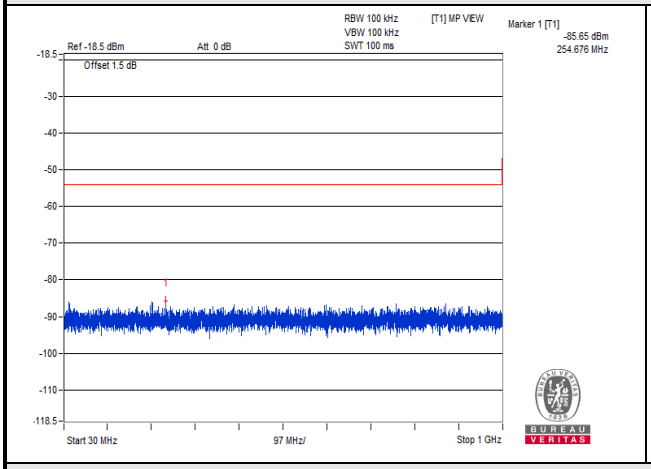
Vmin.

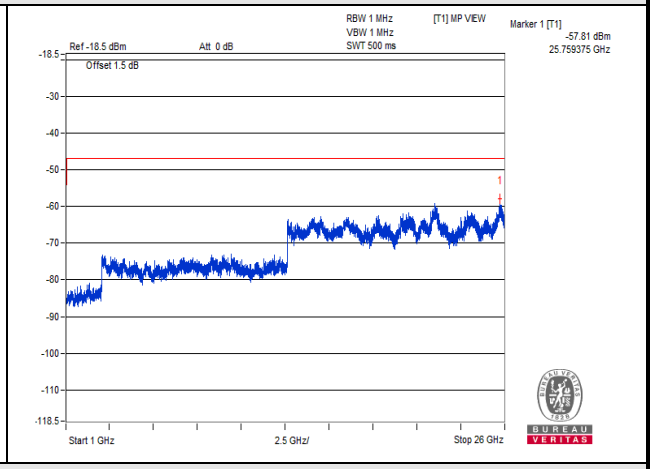




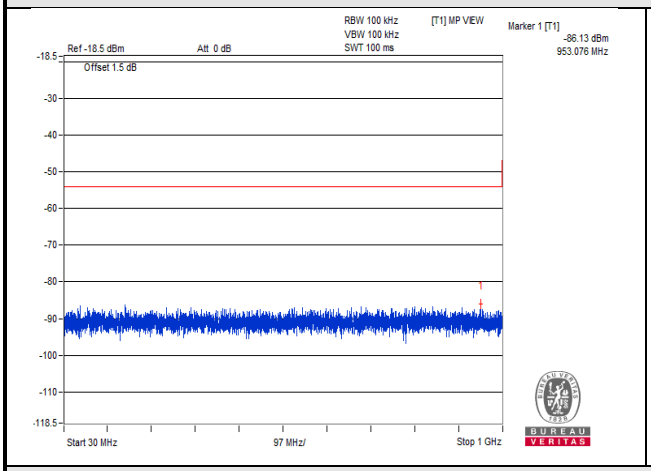
CH 64 (5320MHz)

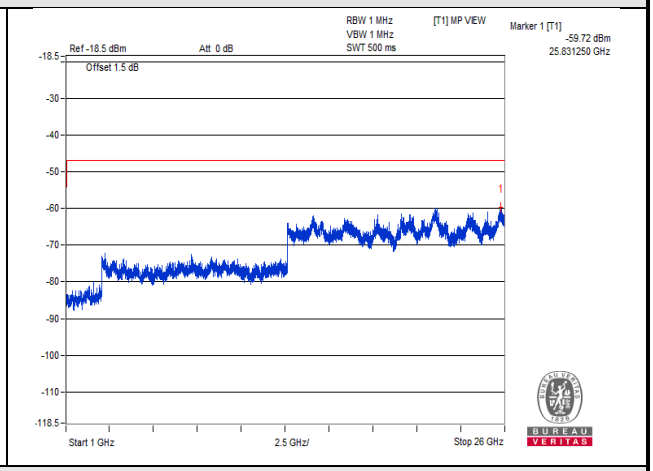
Vnormal



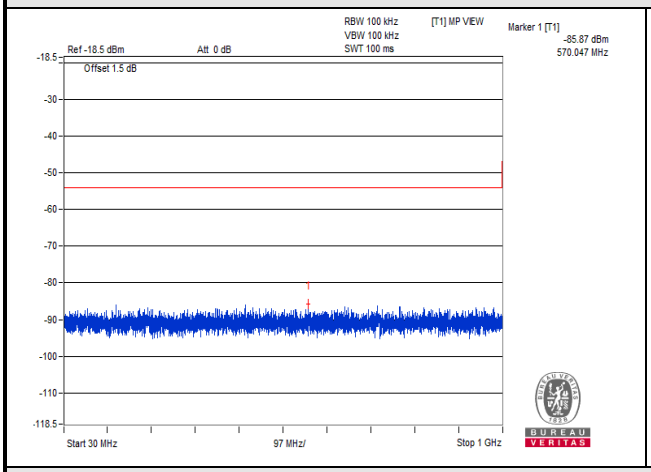


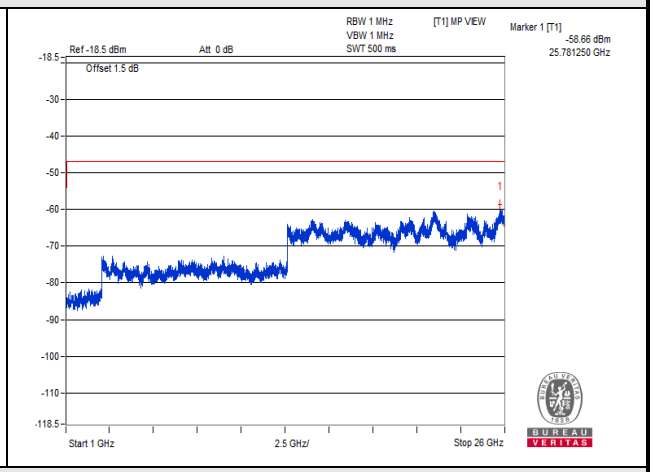
Vmax.





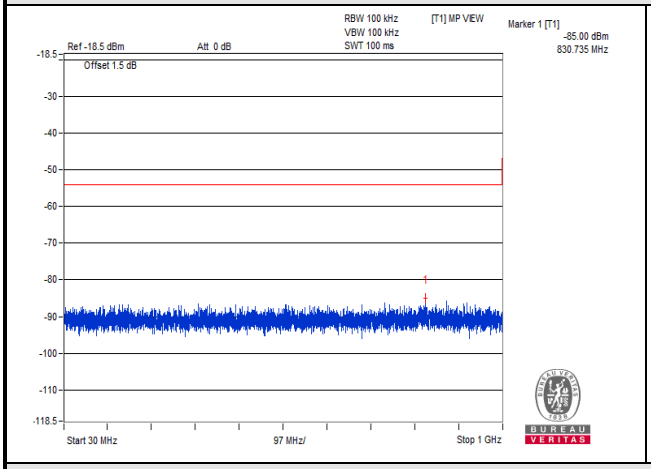
Vmin.

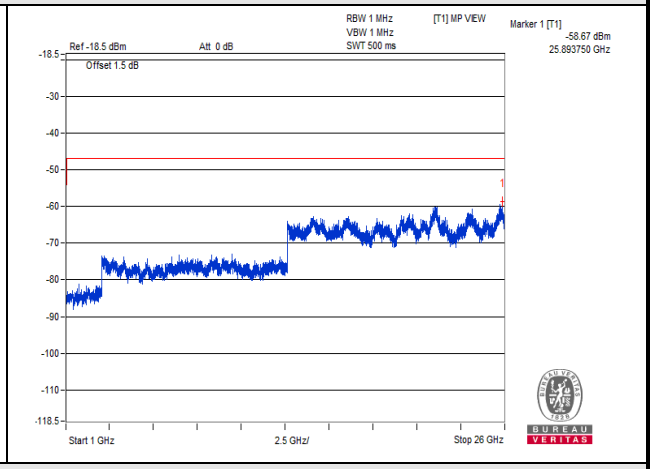




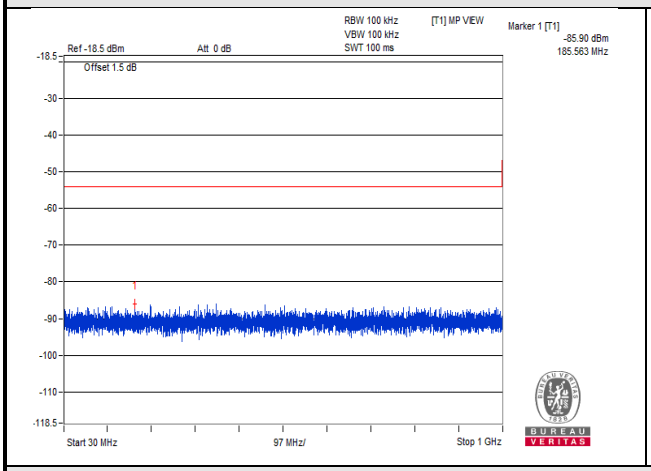
CH 100 (5500MHz)

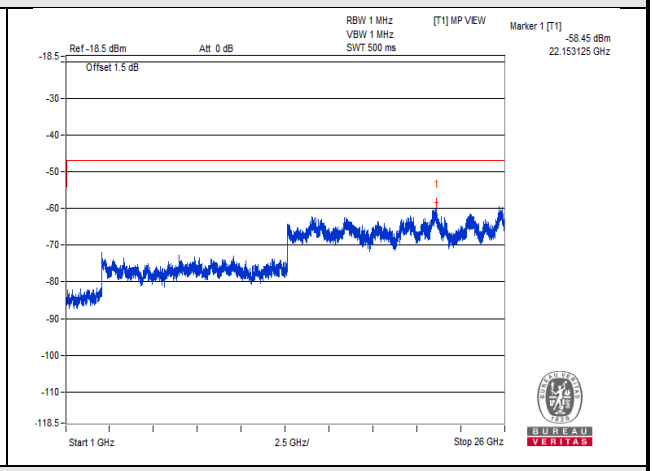
Vnormal



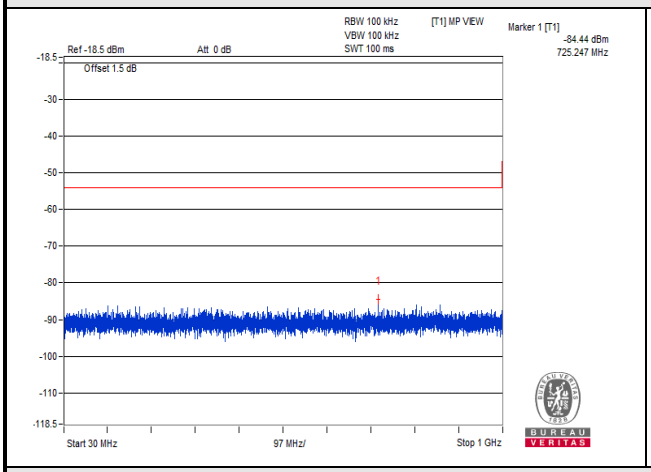


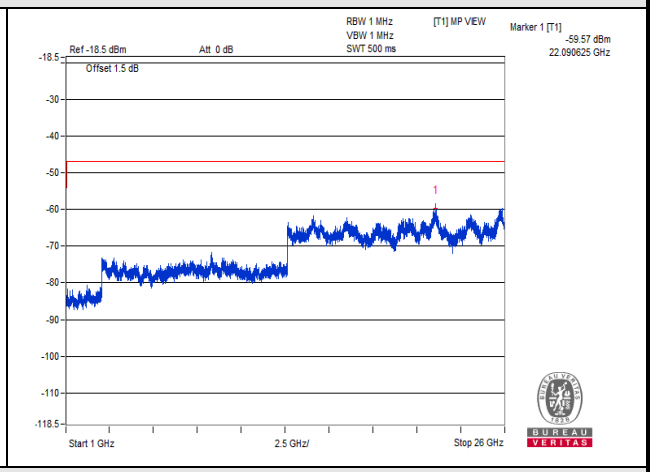
Vmax.





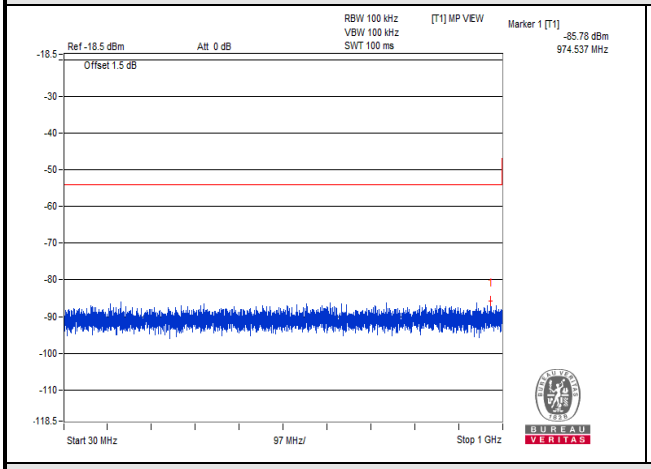
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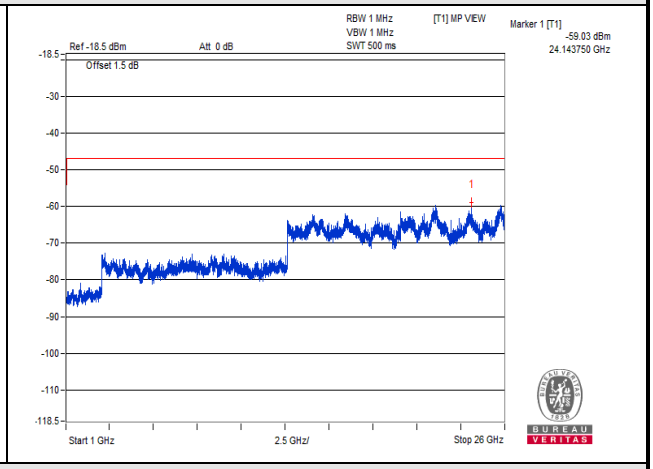




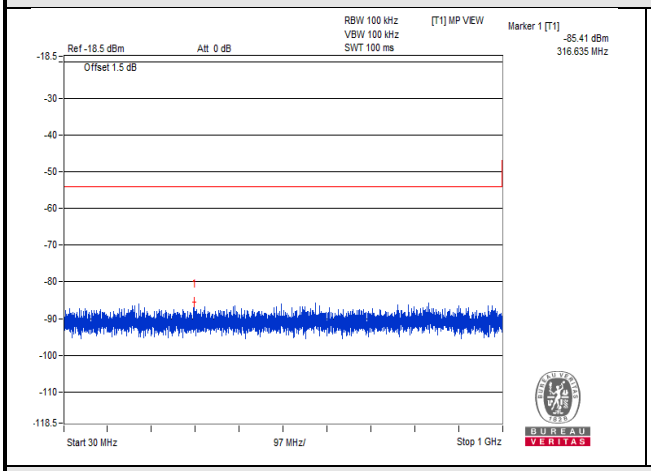
CH 120 (5600MHz)

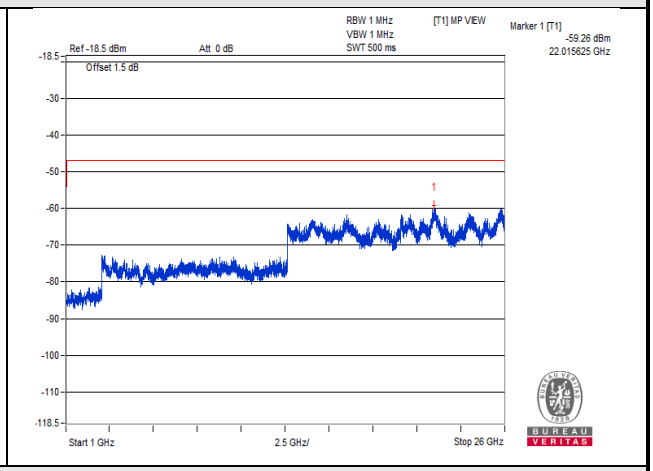
Vnormal



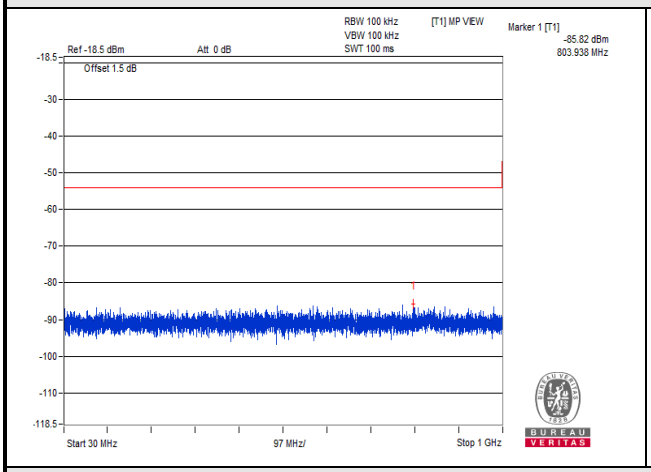


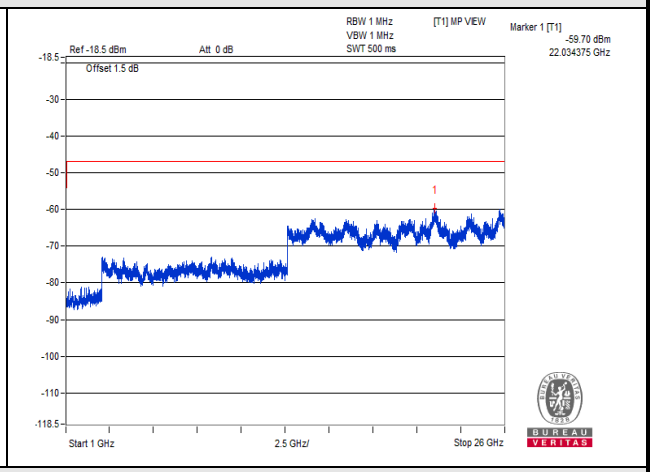
Vmax.





Vmin.





CH 144 (5720MHz)

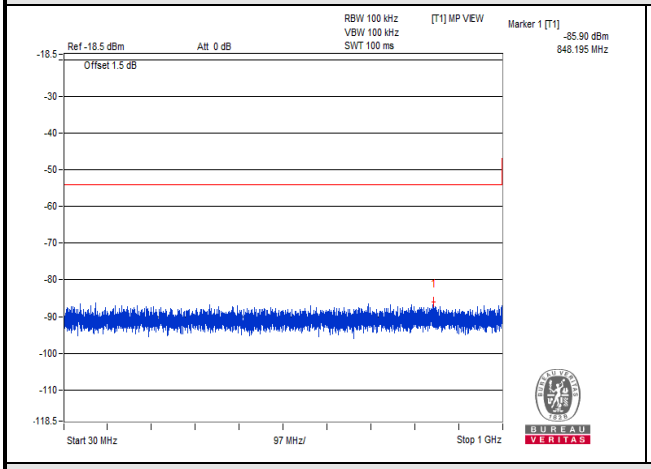
802.11ax (HE40)

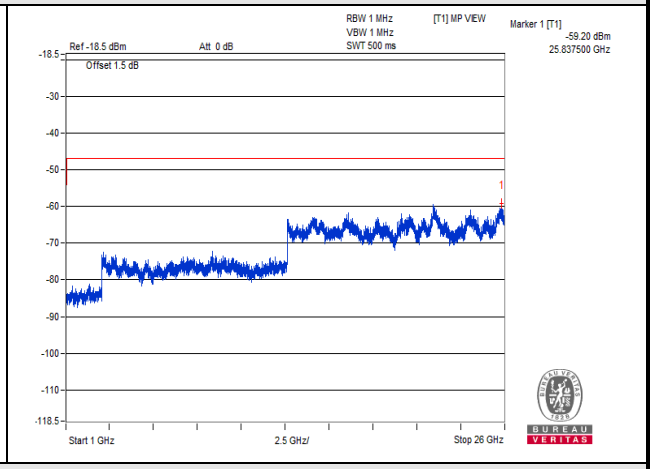
Chain B

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	848.195	0.002570	4.0	PASS
	1000.0 to 26000.0	25837.500	1.202264	20.0	PASS
$V_{max.}$	30.0 to 1000.0	877.658	0.002812	4.0	PASS
	1000.0 to 26000.0	25881.250	1.174898	20.0	PASS
$V_{min.}$	30.0 to 1000.0	259.405	0.002495	4.0	PASS
	1000.0 to 26000.0	25868.750	1.161449	20.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	290.930	0.003199	4.0	PASS
	1000.0 to 26000.0	21975.000	1.210598	20.0	PASS
$V_{max.}$	30.0 to 1000.0	306.450	0.002851	4.0	PASS
	1000.0 to 26000.0	22034.375	1.016249	20.0	PASS
$V_{min.}$	30.0 to 1000.0	69.527	0.002838	4.0	PASS
	1000.0 to 26000.0	22081.250	1.180321	20.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	539.250	0.003281	4.0	PASS
	1000.0 to 26000.0	22090.625	1.035142	20.0	PASS
$V_{max.}$	30.0 to 1000.0	364.771	0.002208	4.0	PASS
	1000.0 to 26000.0	22096.875	1.309182	20.0	PASS
$V_{min.}$	30.0 to 1000.0	438.370	0.002333	4.0	PASS
	1000.0 to 26000.0	22118.750	0.981748	20.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	623.033	0.002667	4.0	PASS
	1000.0 to 26000.0	22106.250	1.099006	20.0	PASS
$V_{max.}$	30.0 to 1000.0	739.433	0.003639	4.0	PASS
	1000.0 to 26000.0	25812.500	1.047129	20.0	PASS
$V_{min.}$	30.0 to 1000.0	810.001	0.002673	4.0	PASS
	1000.0 to 26000.0	25700.000	1.023293	20.0	PASS

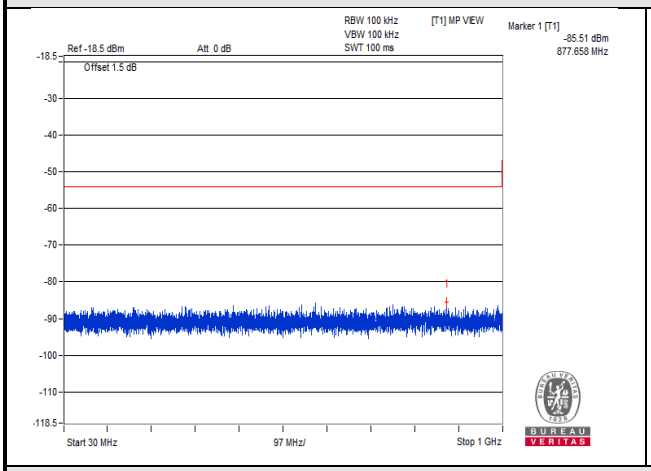
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	890.390	0.003177	4.0	PASS
	1000.0 to 26000.0	25893.750	1.315225	20.0	PASS
$V_{max.}$	30.0 to 1000.0	612.727	0.003097	4.0	PASS
	1000.0 to 26000.0	22100.000	1.374042	20.0	PASS
$V_{min.}$	30.0 to 1000.0	320.515	0.002529	4.0	PASS
	1000.0 to 26000.0	25846.875	1.300170	20.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	844.193	0.002564	4.0	PASS
	1000.0 to 26000.0	25921.875	1.028016	20.0	PASS
$V_{max.}$	30.0 to 1000.0	609.575	0.002636	4.0	PASS
	1000.0 to 26000.0	25840.625	1.111732	20.0	PASS
$V_{min.}$	30.0 to 1000.0	149.552	0.002618	4.0	PASS
	1000.0 to 26000.0	25843.750	1.148154	20.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	498.025	0.003170	4.0	PASS
	1000.0 to 26000.0	25815.625	1.503142	20.0	PASS
$V_{max.}$	30.0 to 1000.0	827.946	0.002761	4.0	PASS
	1000.0 to 26000.0	22009.375	1.327394	20.0	PASS
$V_{min.}$	30.0 to 1000.0	737.130	0.004977	4.0	PASS
	1000.0 to 26000.0	25834.375	1.076465	20.0	PASS

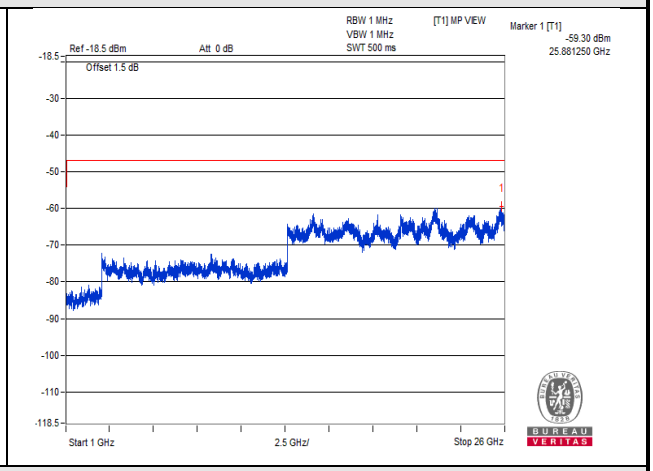
Vnormal



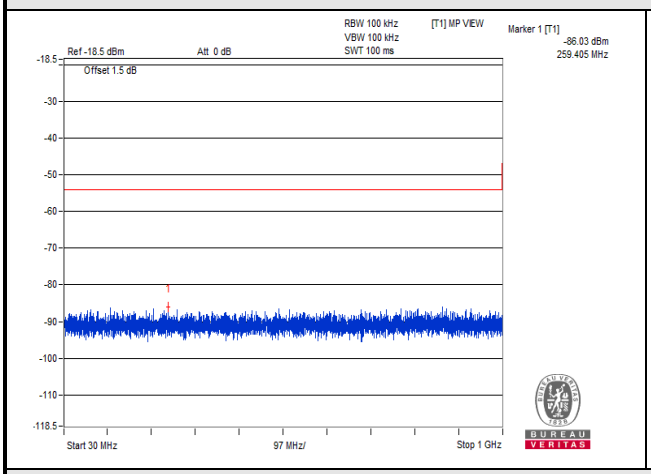


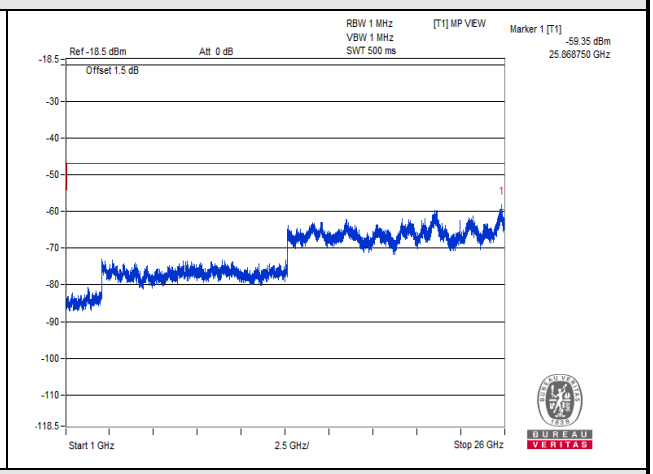
Vmax.





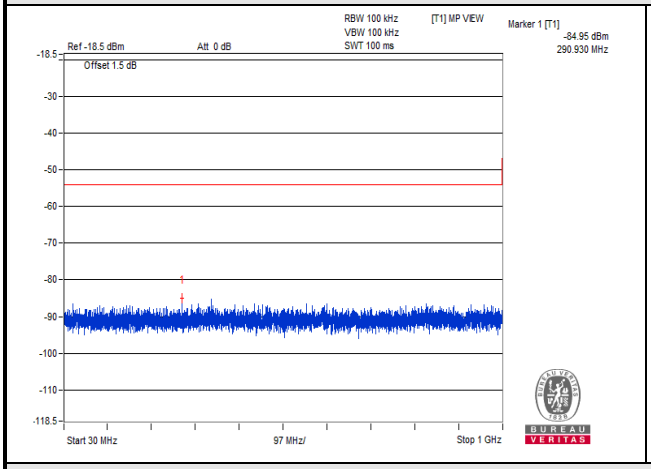
Vmin.

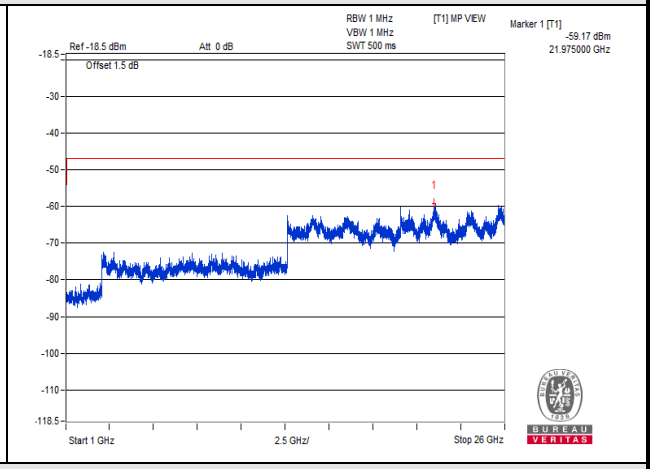




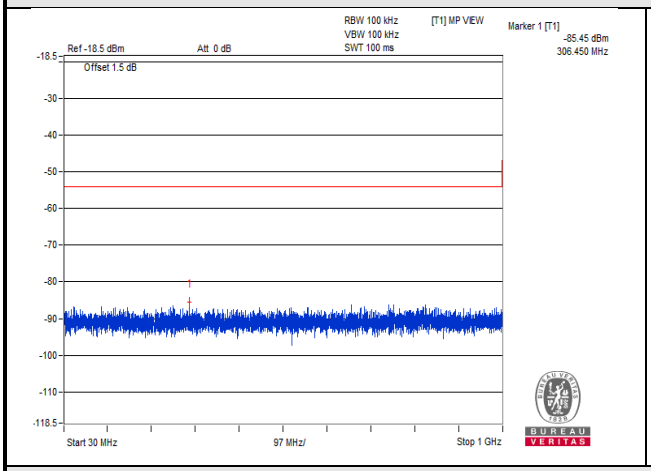
CH 38 (5190MHz)

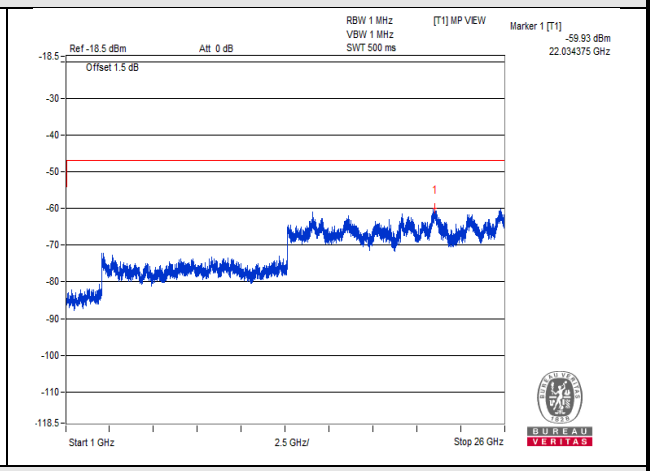
Vnormal



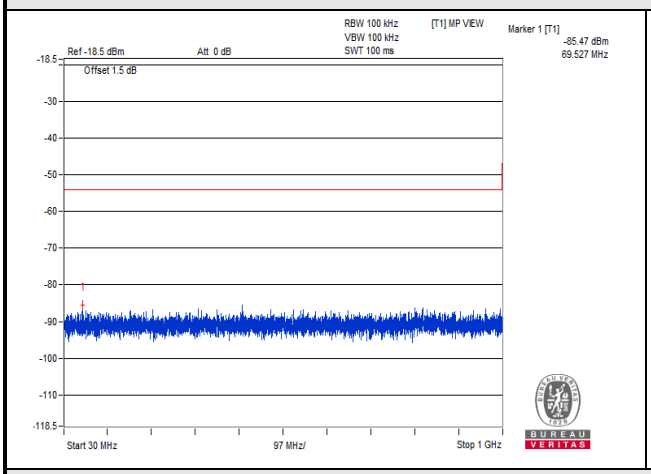


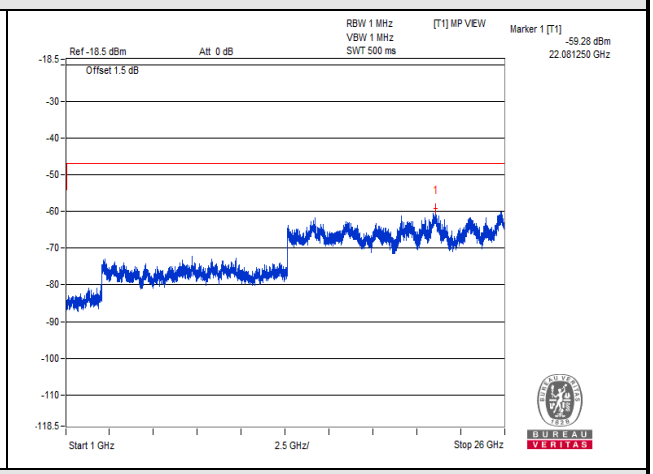
Vmax.





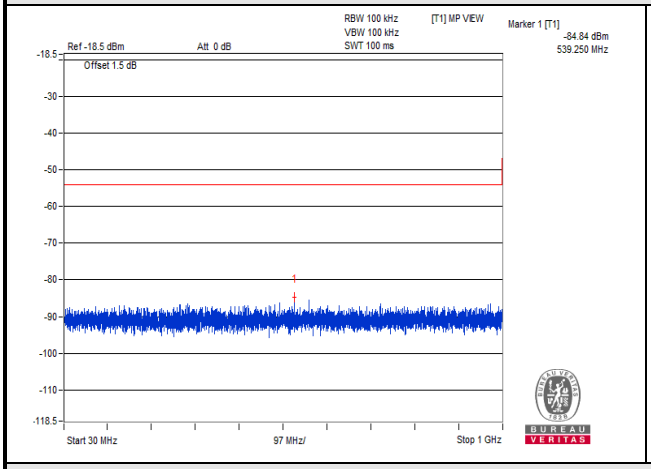
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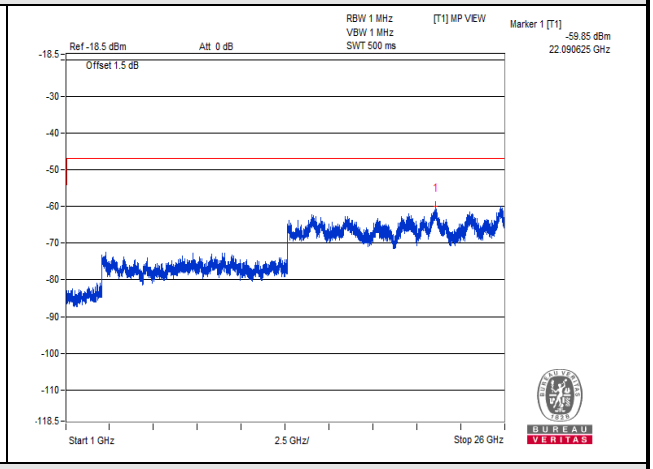




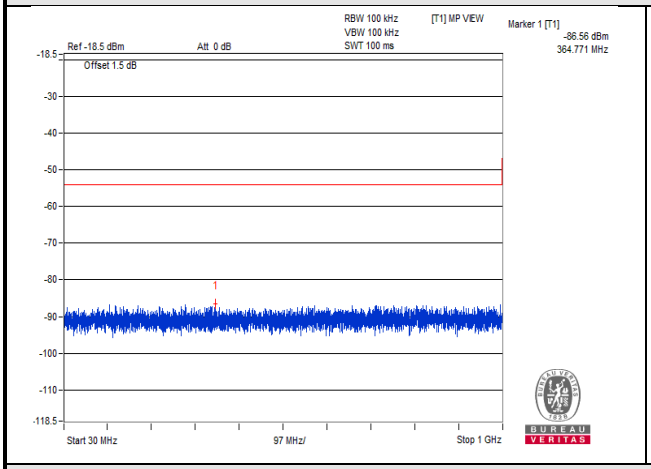
CH 46 (5230MHz)

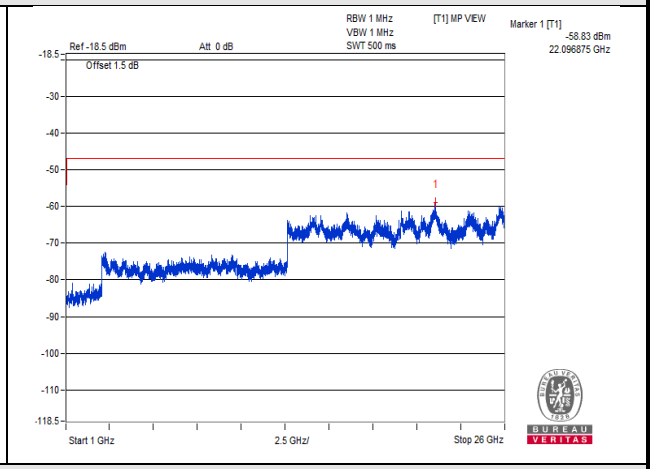
Vnormal



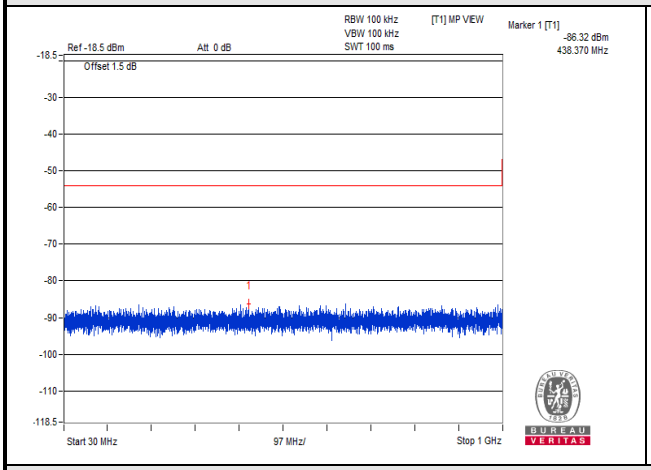


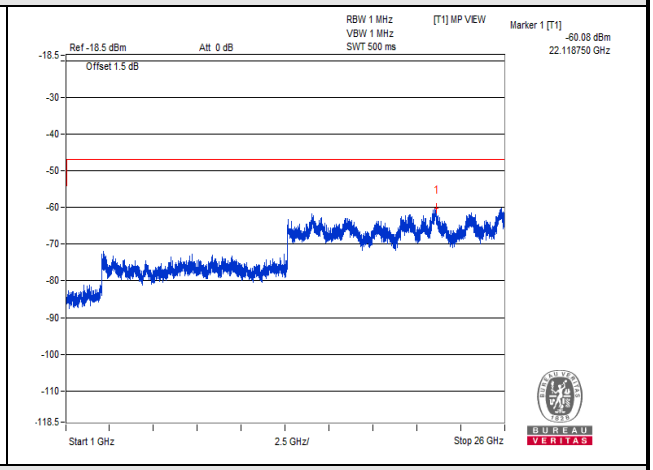
Vmax.





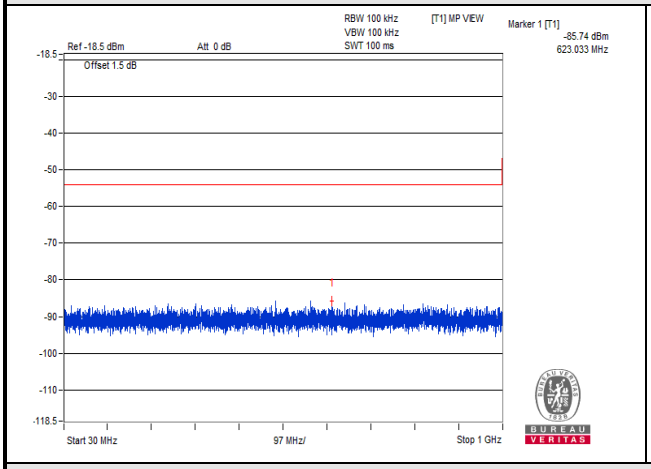
Vmin.

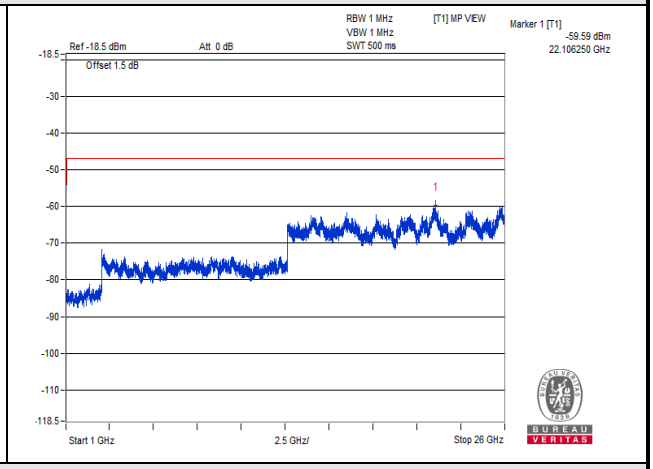




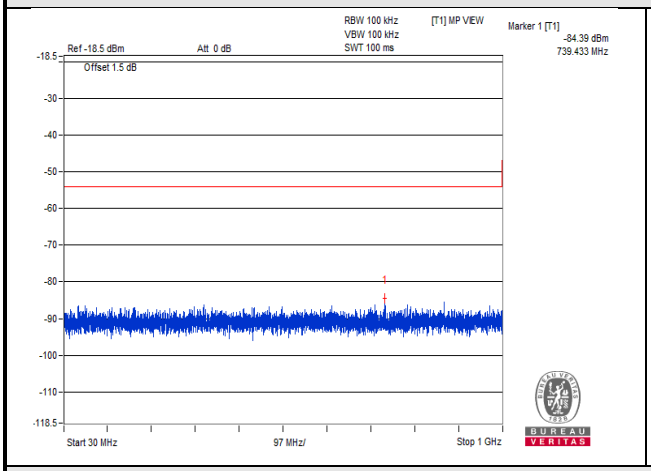
CH 54 (5270MHz)

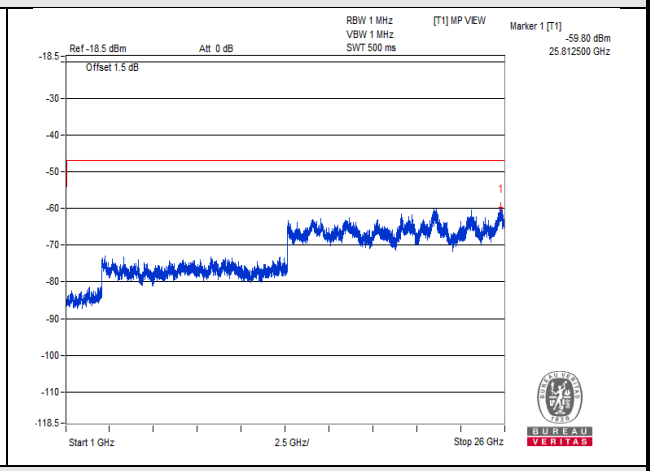
Vnormal



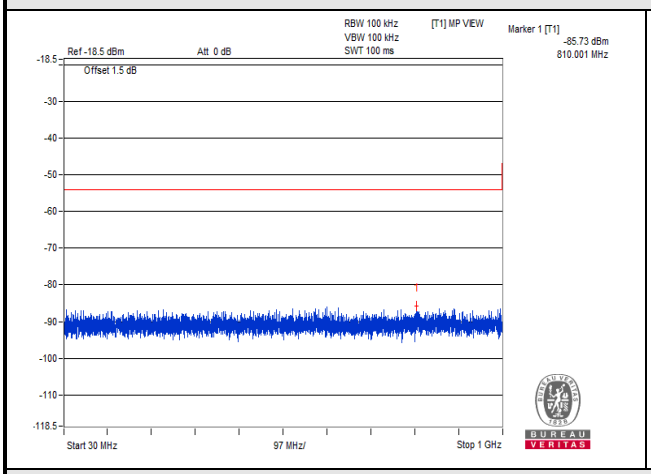


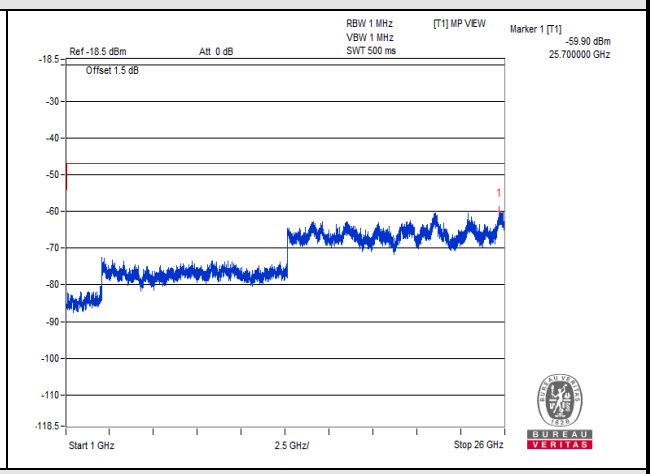
Vmax.





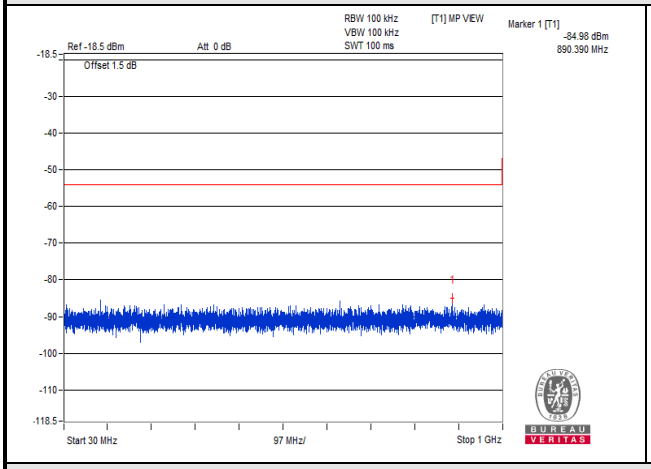
Vmin.

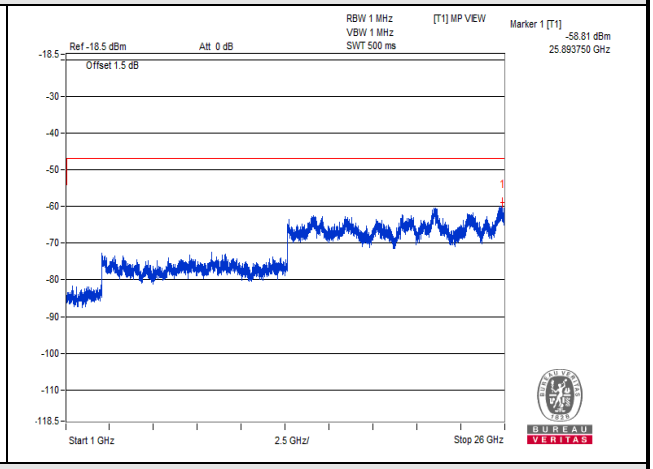




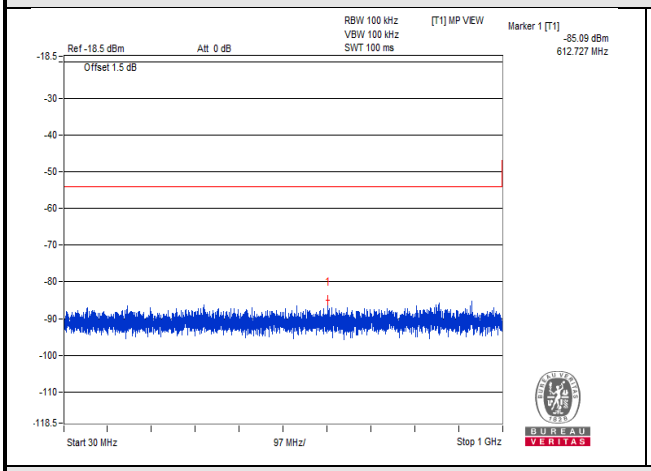
CH 62 (5310MHz)

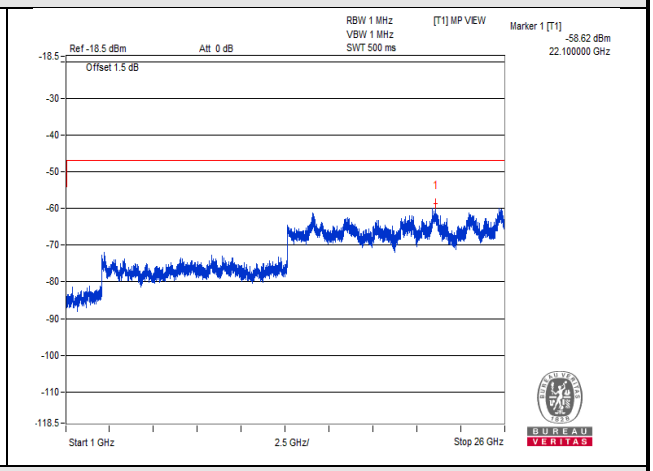
Vnormal



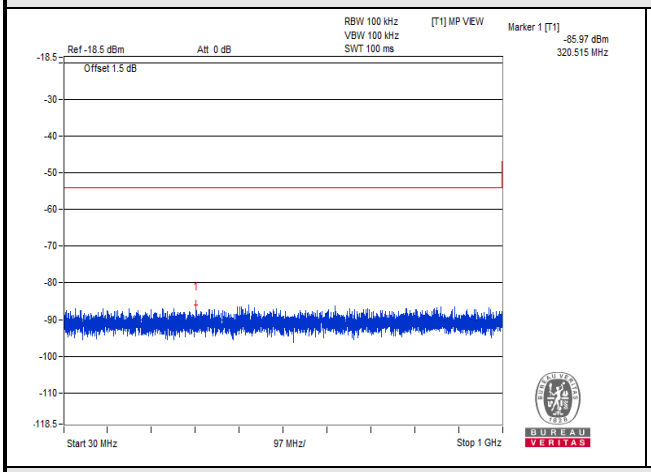


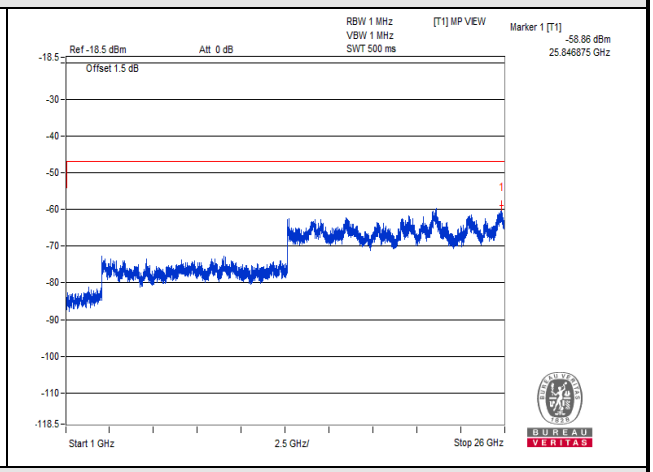
Vmax.





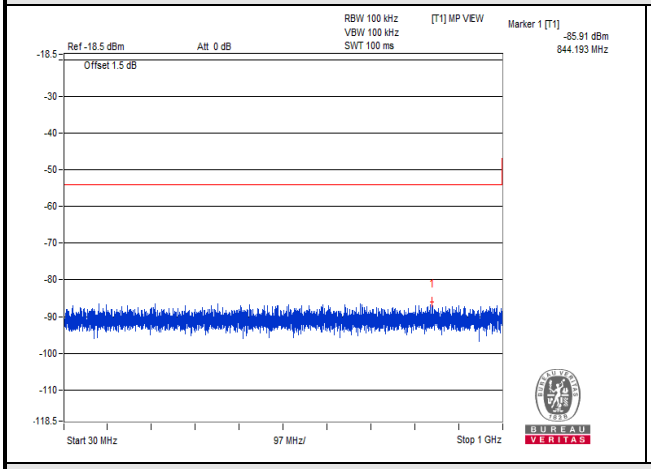
Vmin.

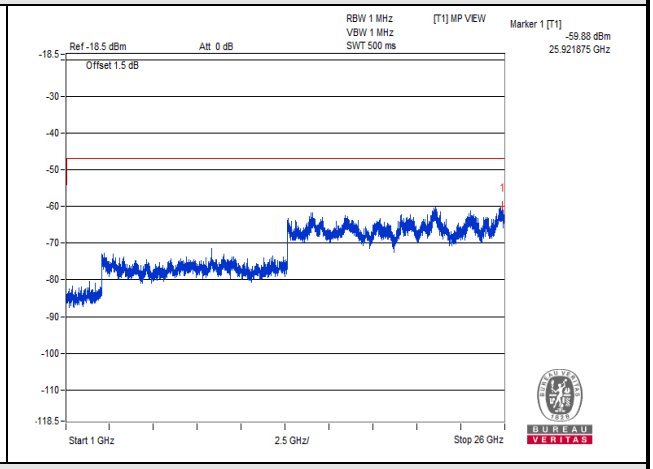




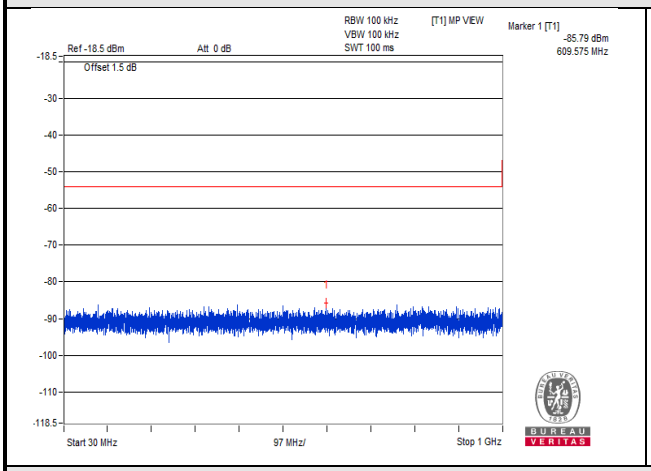
CH 102 (5510MHz)

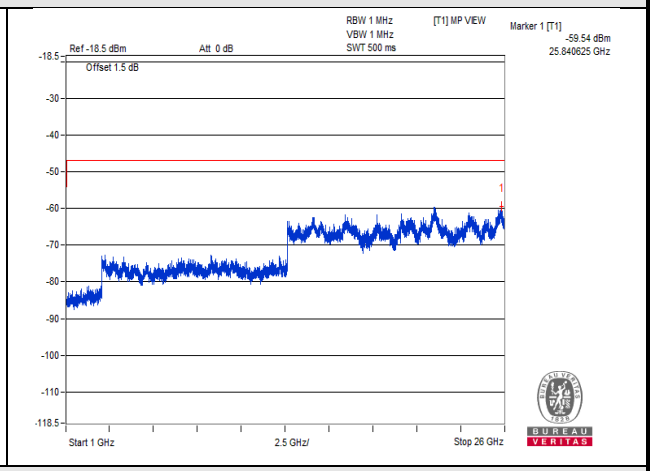
Vnormal



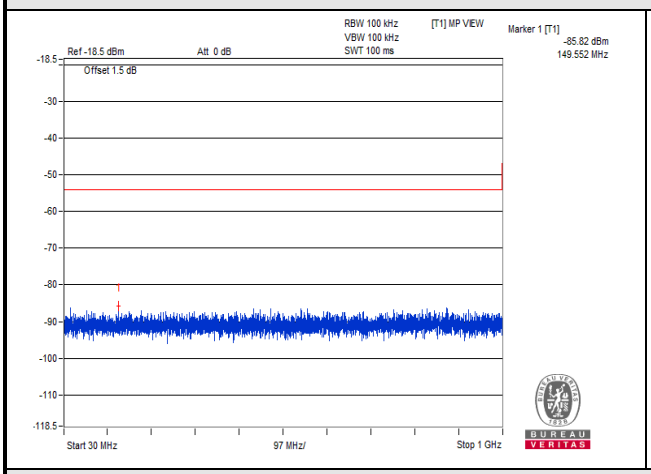


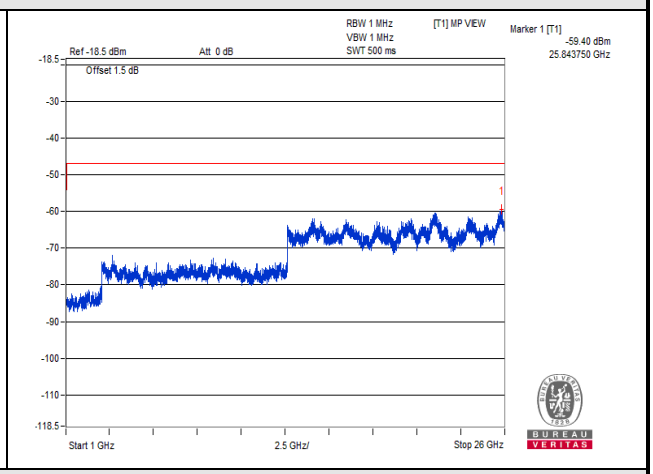
Vmax.





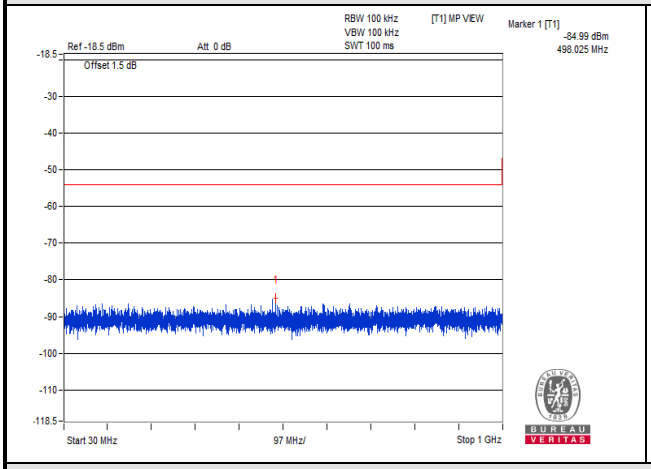
Vmin.

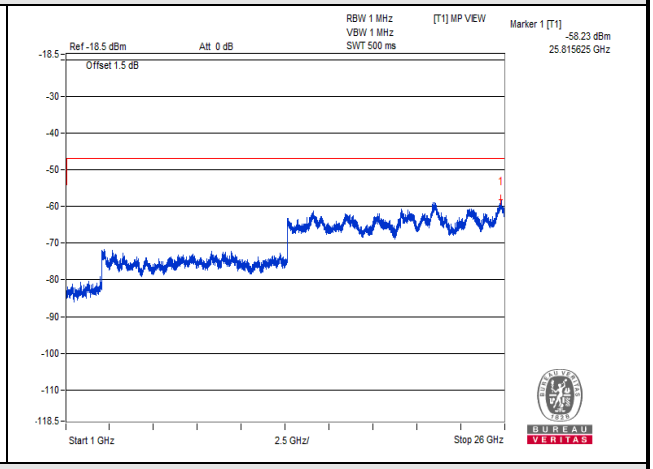




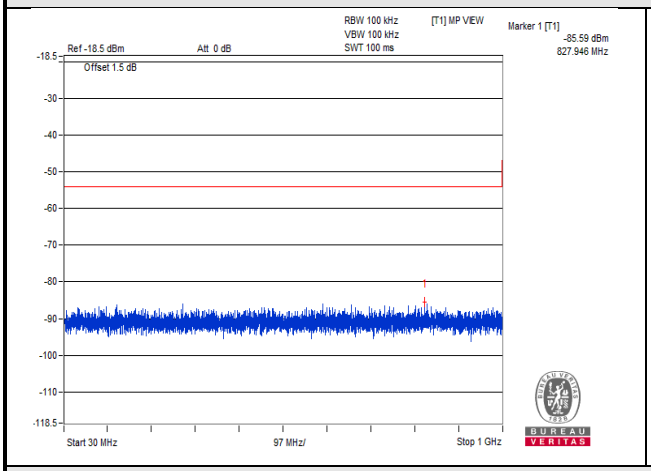
CH 118 (5590MHz)

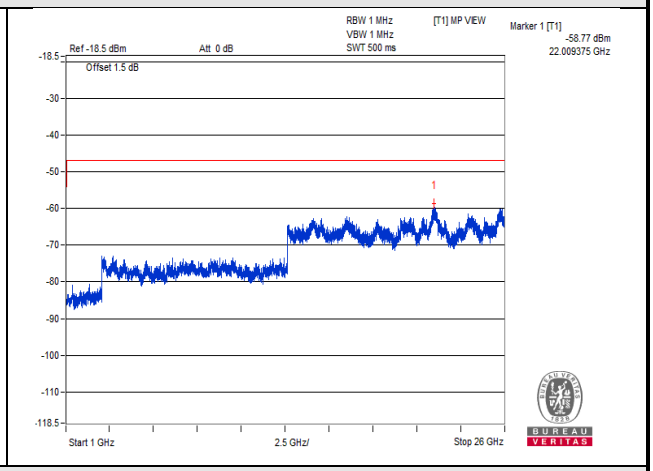
Vnormal



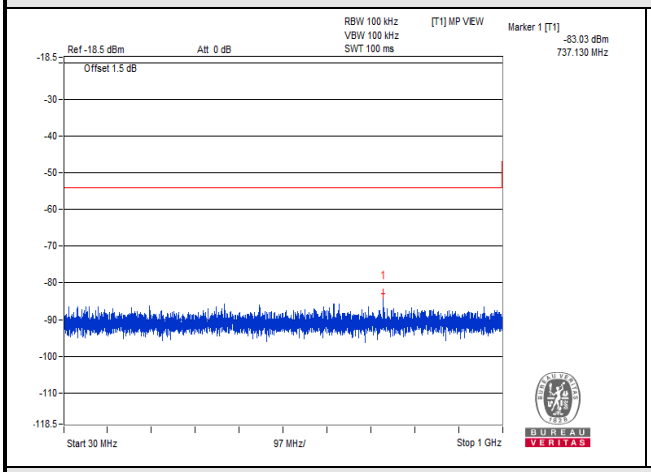


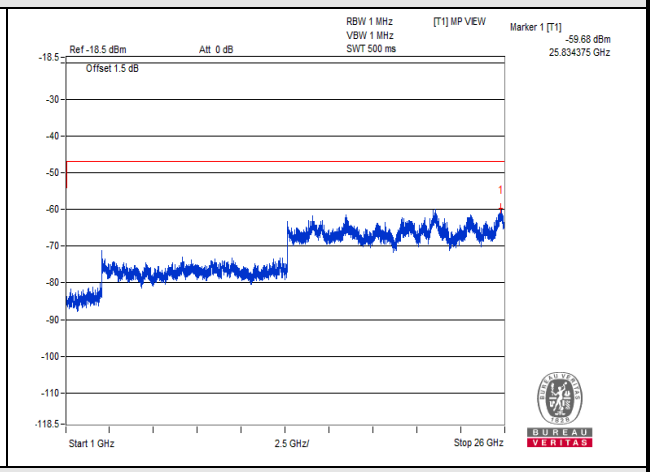
Vmax.





Vmin.





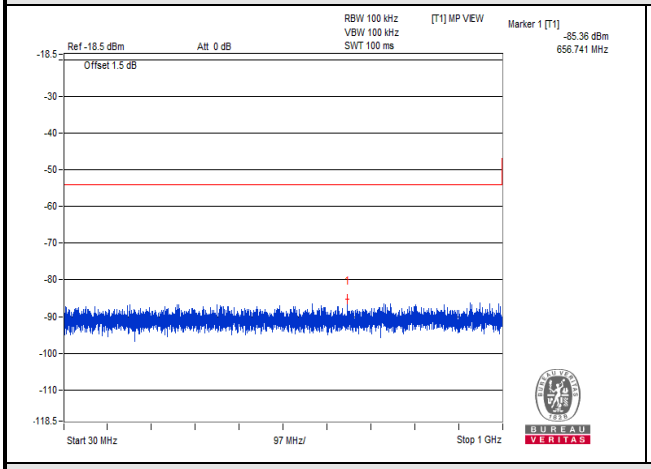
CH 142 (5710MHz)

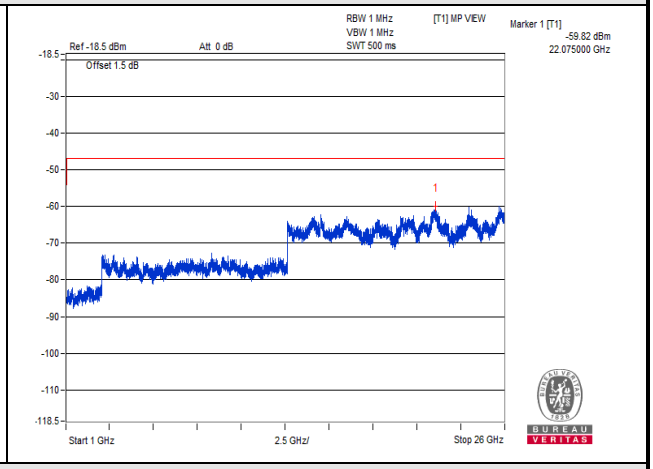
802.11ax (HE80)

Chain B

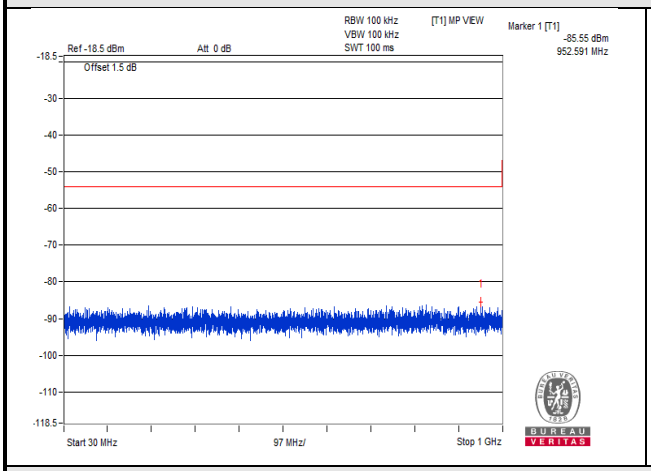
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	656.741	0.002911	4.0	PASS
	1000.0 to 26000.0	22075.000	1.042317	20.0	PASS
$V_{max.}$	30.0 to 1000.0	952.591	0.002786	4.0	PASS
	1000.0 to 26000.0	22131.250	1.140250	20.0	PASS
$V_{min.}$	30.0 to 1000.0	741.131	0.002685	4.0	PASS
	1000.0 to 26000.0	25803.125	1.124605	20.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	132.092	0.002818	4.0	PASS
	1000.0 to 26000.0	22103.125	1.216186	20.0	PASS
$V_{max.}$	30.0 to 1000.0	148.340	0.002582	4.0	PASS
	1000.0 to 26000.0	22053.125	1.282331	20.0	PASS
$V_{min.}$	30.0 to 1000.0	513.060	0.002871	4.0	PASS
	1000.0 to 26000.0	25803.125	1.462177	20.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	319.666	0.003540	4.0	PASS
	1000.0 to 26000.0	25856.250	1.230269	20.0	PASS
$V_{max.}$	30.0 to 1000.0	702.816	0.002958	4.0	PASS
	1000.0 to 26000.0	25843.750	1.588547	20.0	PASS
$V_{min.}$	30.0 to 1000.0	813.032	0.002944	4.0	PASS
	1000.0 to 26000.0	22050.000	1.104079	20.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	163.375	0.002661	4.0	PASS
	1000.0 to 26000.0	22059.375	1.318257	20.0	PASS
$V_{max.}$	30.0 to 1000.0	238.792	0.002729	4.0	PASS
	1000.0 to 26000.0	25850.000	1.294196	20.0	PASS
$V_{min.}$	30.0 to 1000.0	827.340	0.002742	4.0	PASS
	1000.0 to 26000.0	22021.875	1.020939	20.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	844.072	0.002965	4.0	PASS
	1000.0 to 26000.0	22065.625	1.396368	20.0	PASS
$V_{max.}$	30.0 to 1000.0	736.523	0.002477	4.0	PASS
	1000.0 to 26000.0	25843.750	1.083927	20.0	PASS
$V_{min.}$	30.0 to 1000.0	845.527	0.002951	4.0	PASS
	1000.0 to 26000.0	25728.125	1.315225	20.0	PASS

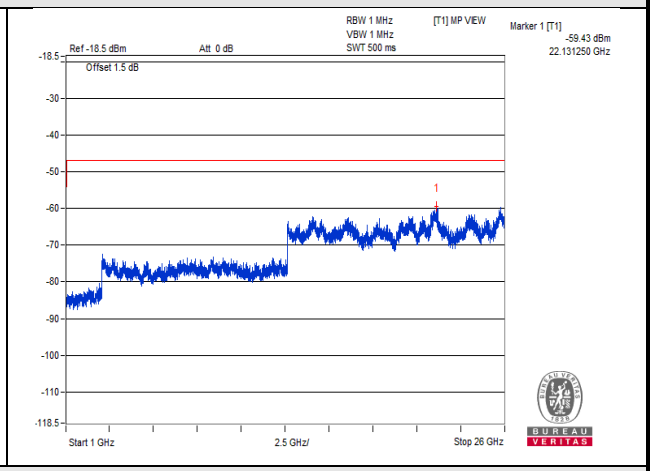
Vnormal



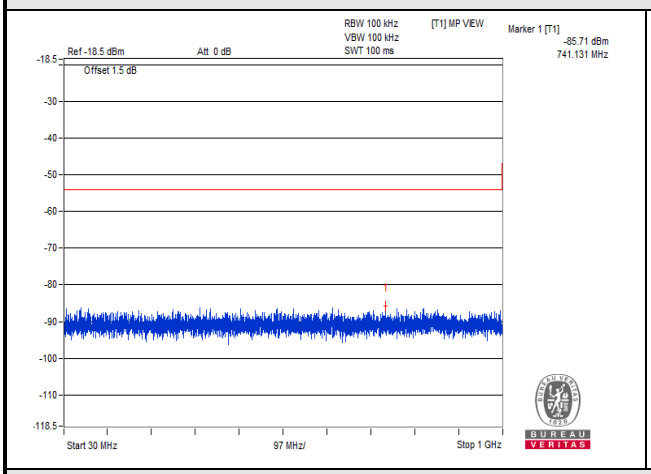


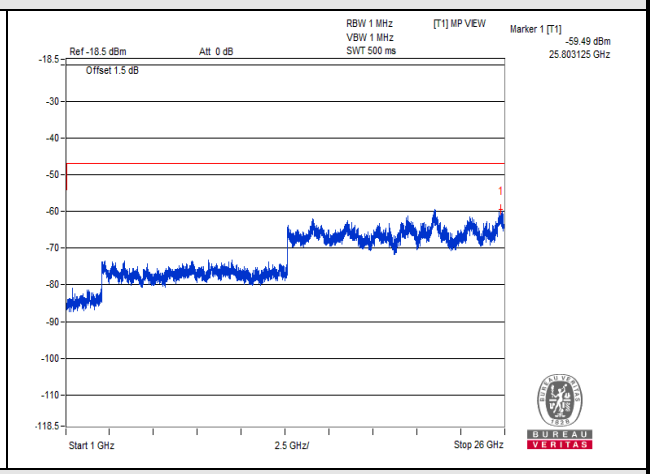
Vmax.





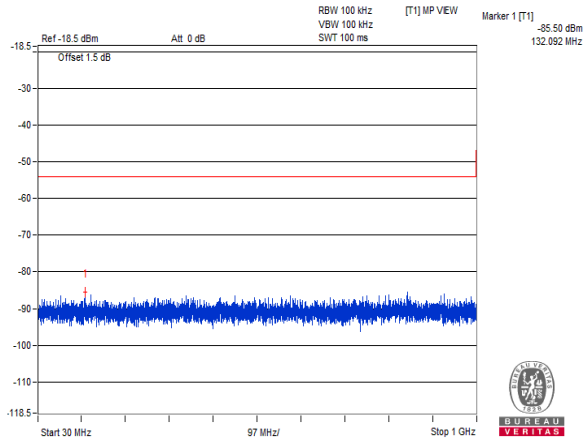
Vmin.

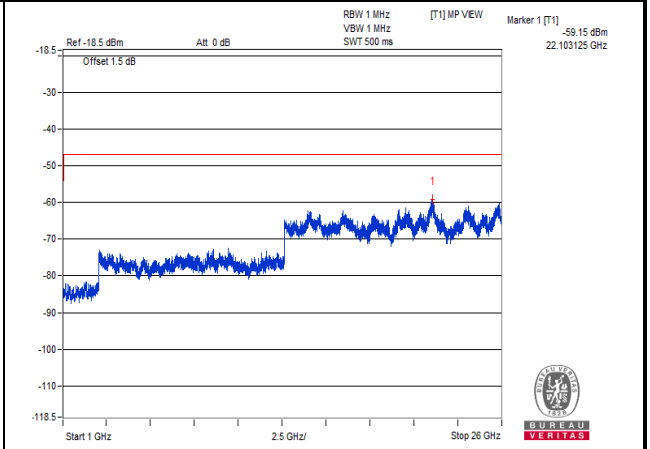




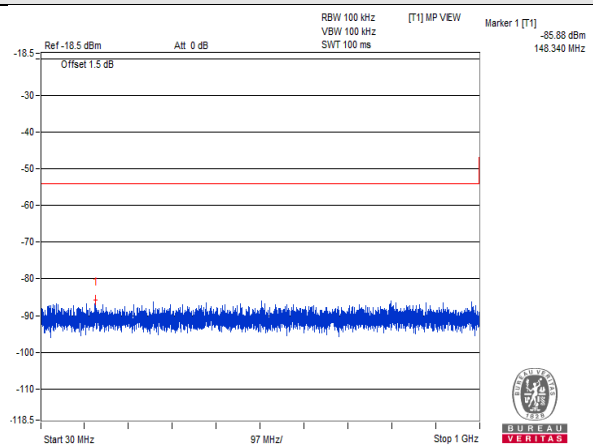
CH 42 (5210MHz)

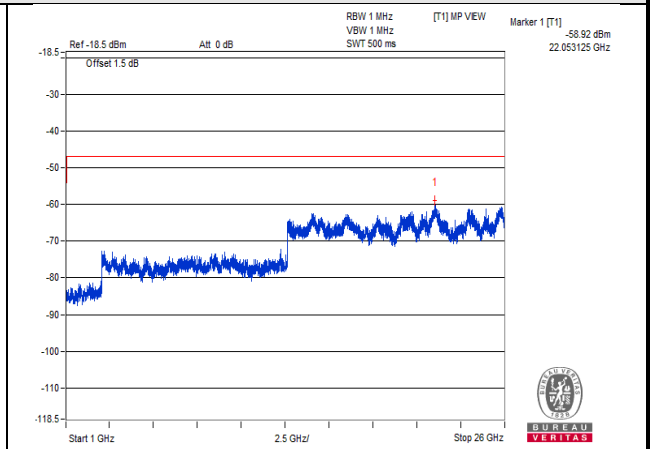
Vnormal



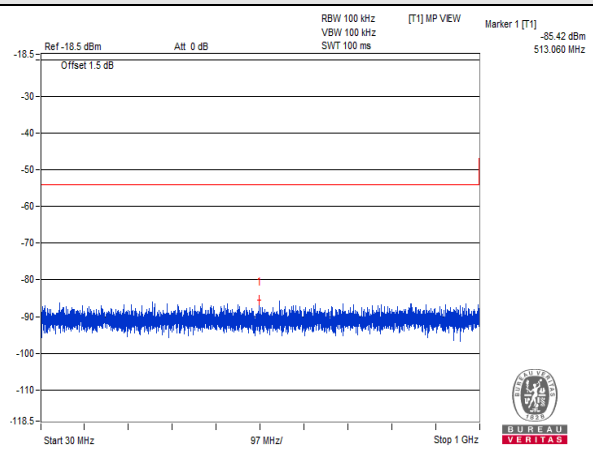


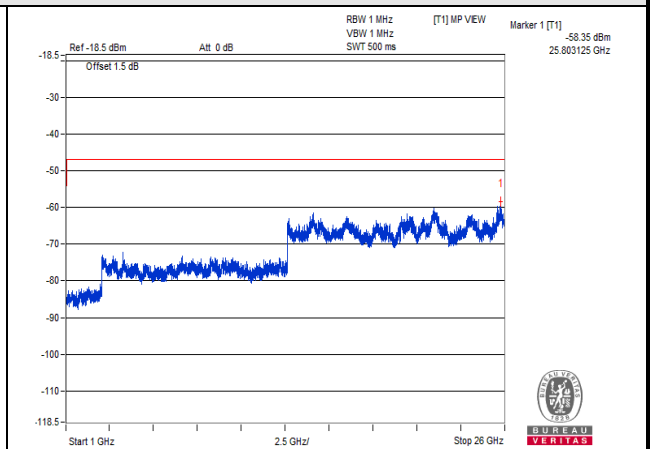
Vmax.





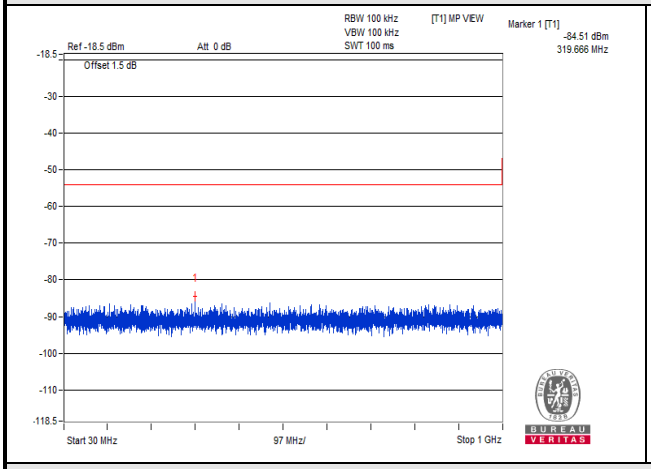
Vmin.

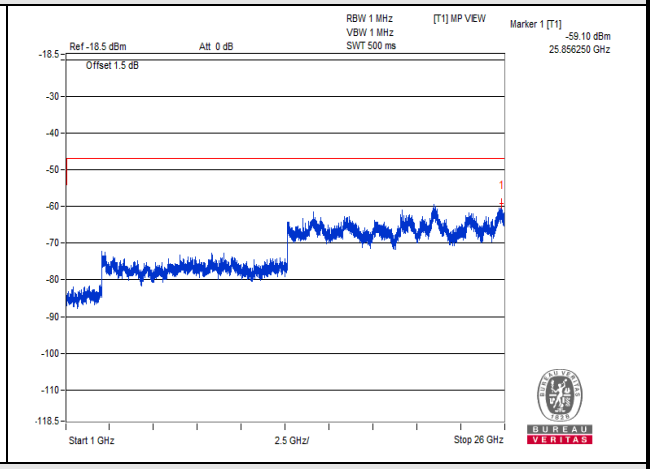




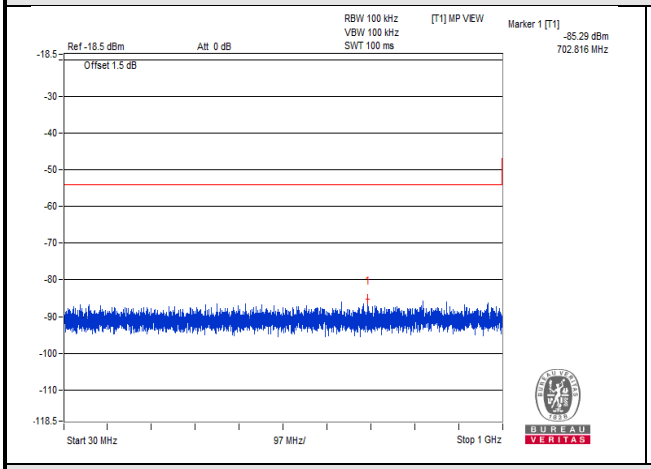
CH 58 (5290MHz)

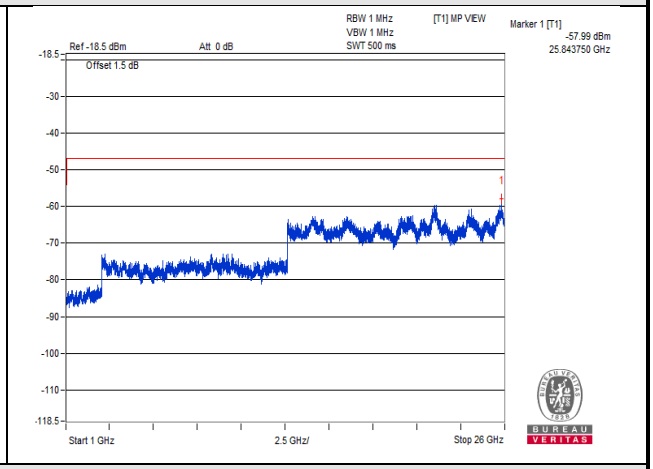
Vnormal



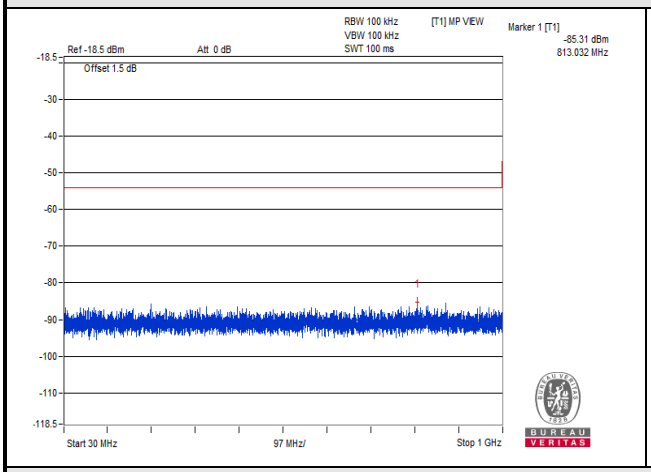


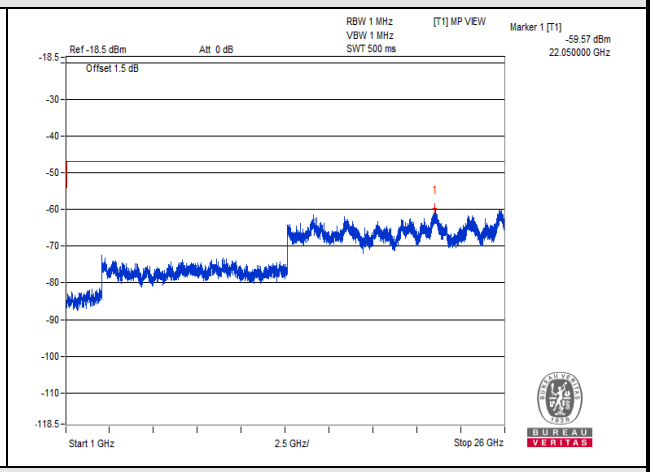
Vmax.





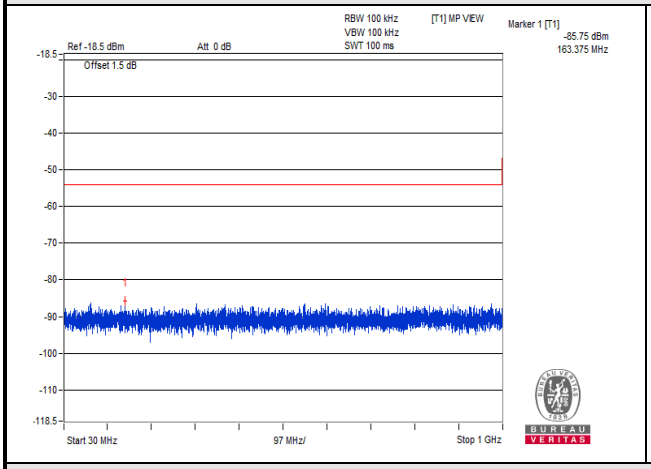
Vmin.

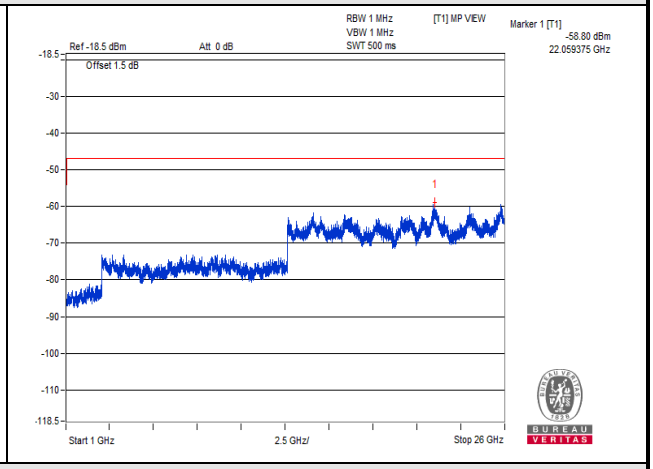




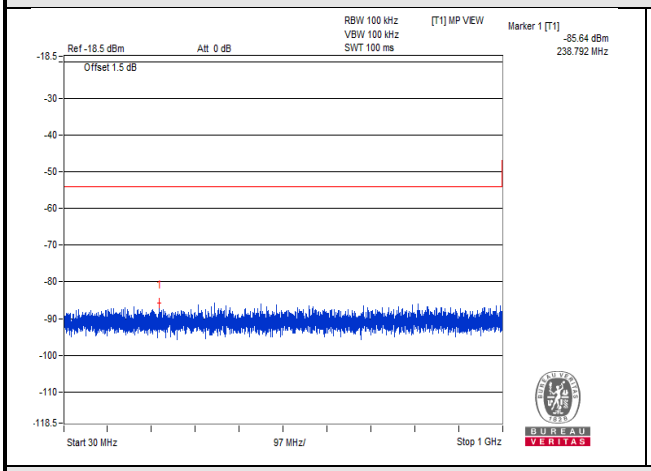
CH 106 (5530MHz)

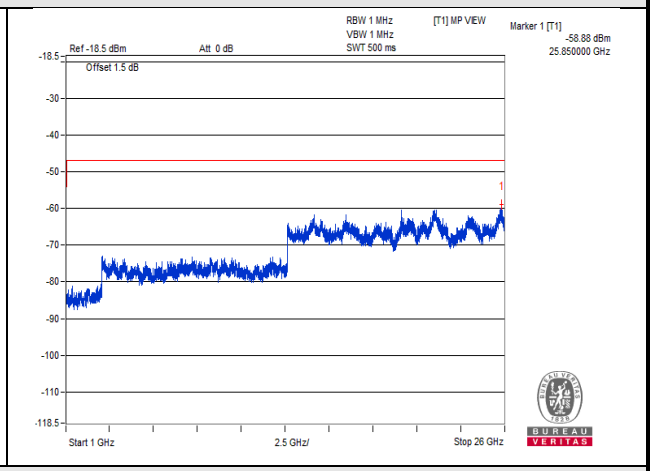
Vnormal



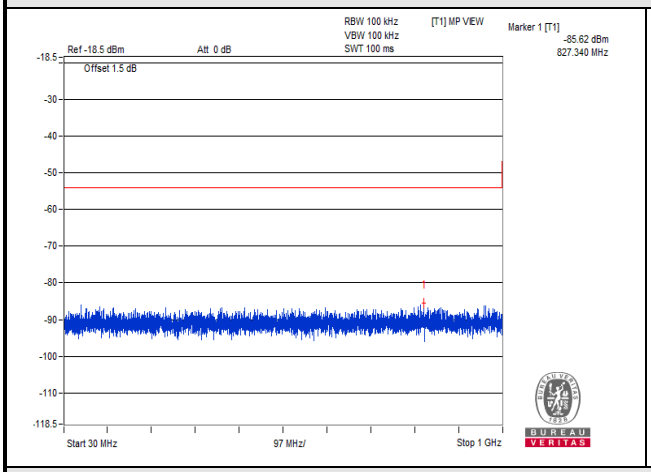


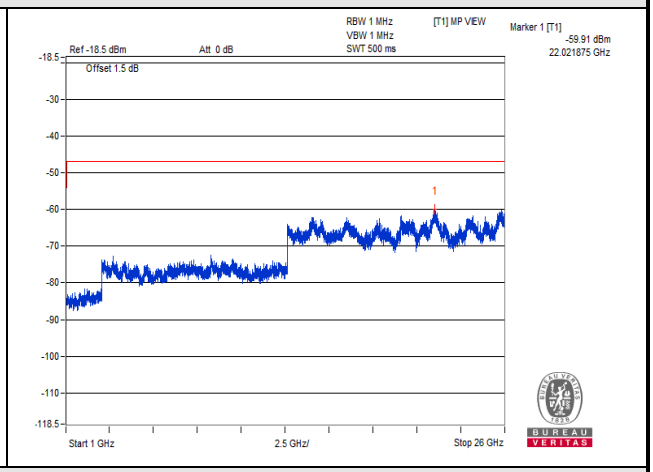
Vmax.





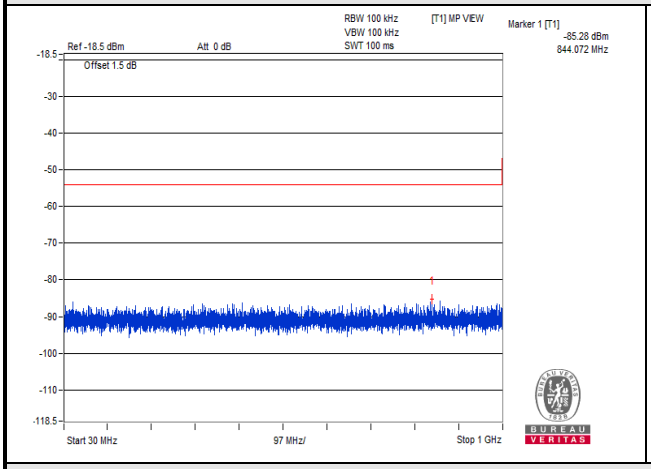
Vmin.

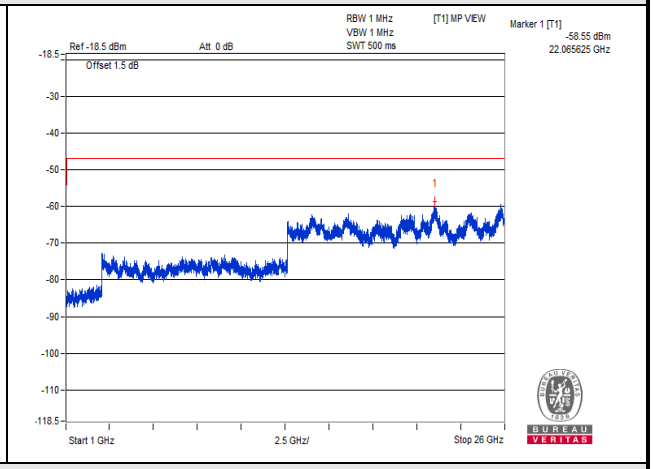




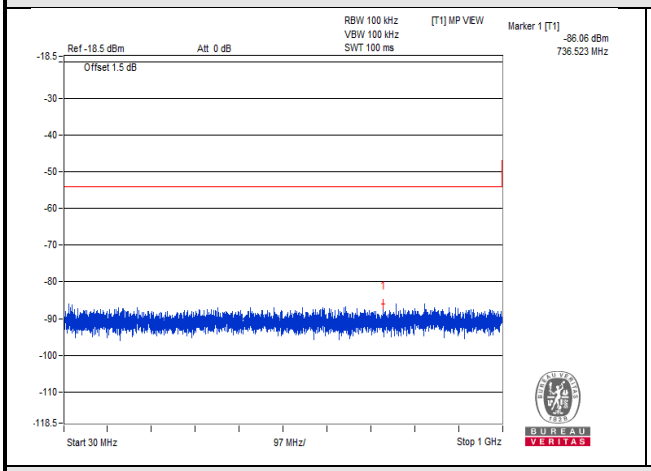
CH 122 (5610MHz)

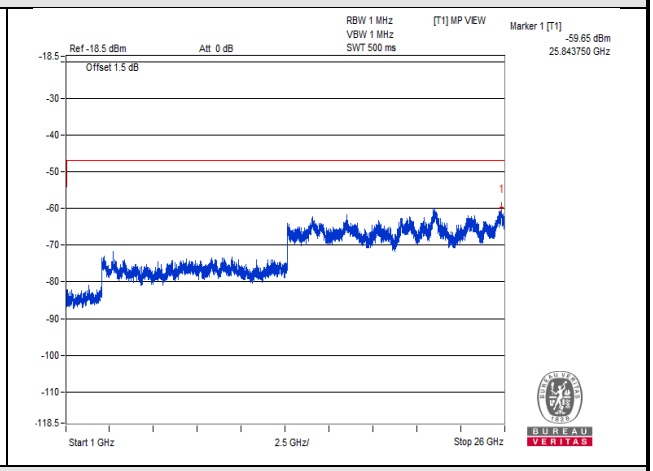
Vnormal



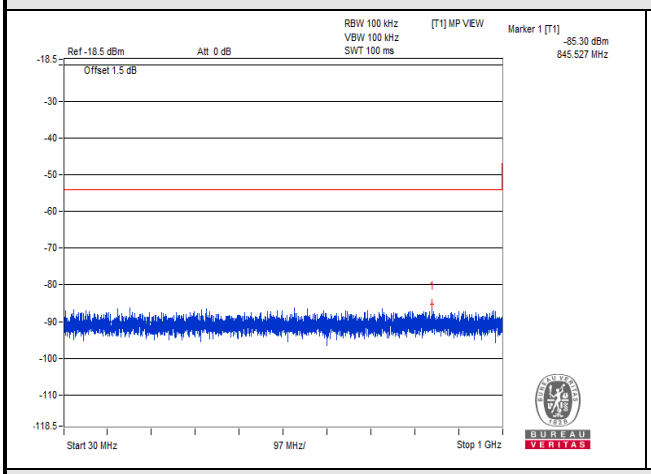


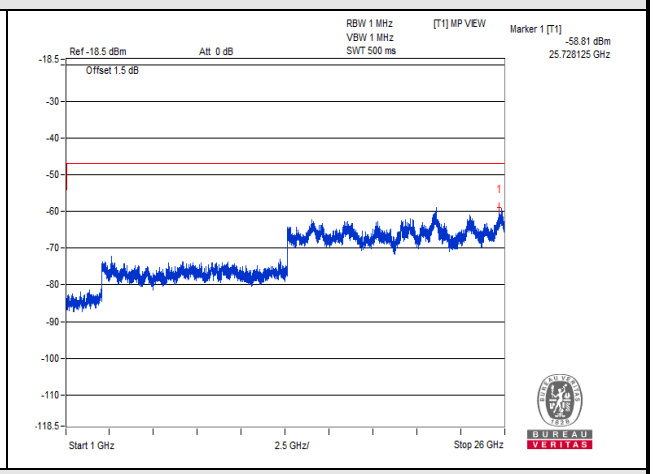
Vmax.





Vmin.





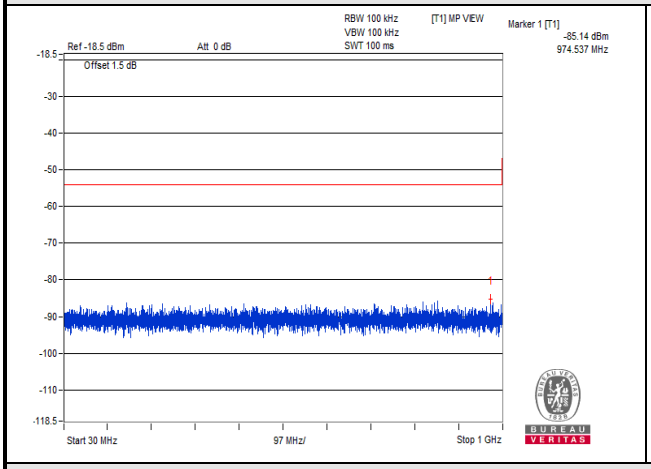
CH 138 (5690MHz)

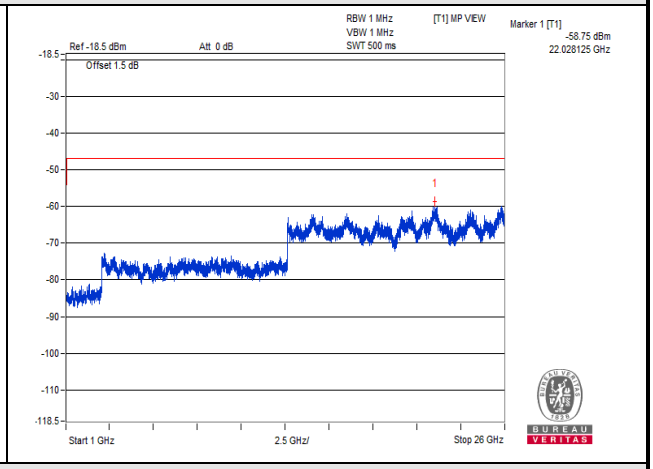
802.11ax (HE160)

Chain B

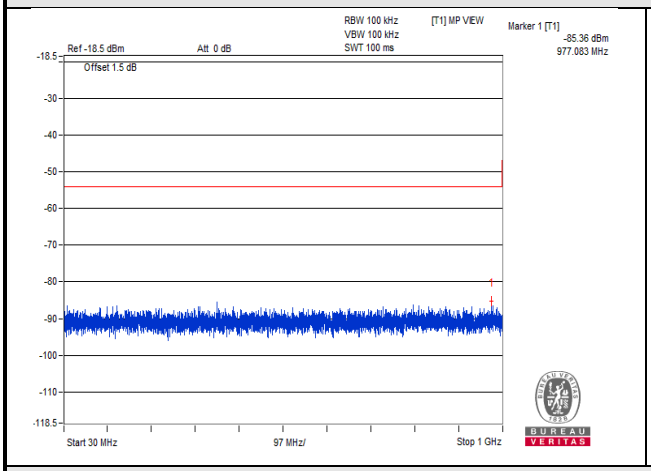
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	974.537	0.003062	4.0	PASS
	1000.0 to 26000.0	22028.125	1.333521	20.0	PASS
$V_{max.}$	30.0 to 1000.0	977.083	0.002911	4.0	PASS
	1000.0 to 26000.0	22084.375	1.023293	20.0	PASS
$V_{min.}$	30.0 to 1000.0	742.343	0.007798	4.0	PASS
	1000.0 to 26000.0	25837.500	1.135011	20.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	497.176	0.003192	4.0	PASS
	1000.0 to 26000.0	25837.500	1.164126	20.0	PASS
$V_{max.}$	30.0 to 1000.0	818.852	0.003802	4.0	PASS
	1000.0 to 26000.0	25728.125	1.051962	20.0	PASS
$V_{min.}$	30.0 to 1000.0	872.081	0.003141	4.0	PASS
	1000.0 to 26000.0	22028.125	1.137627	20.0	PASS

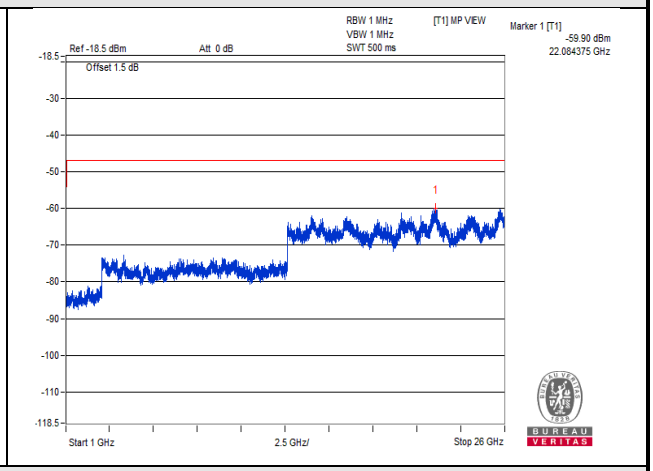
Vnormal



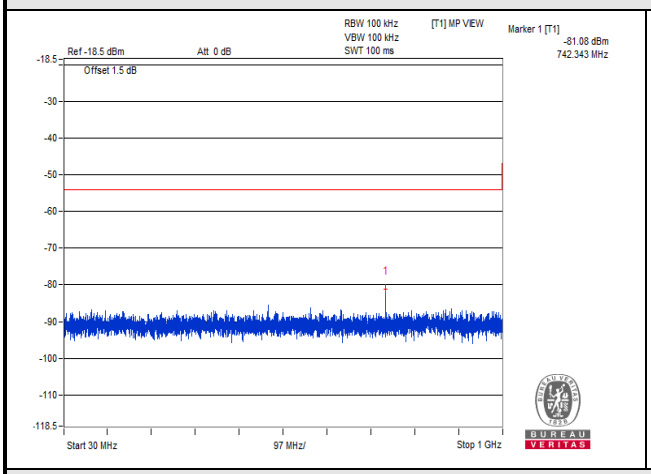


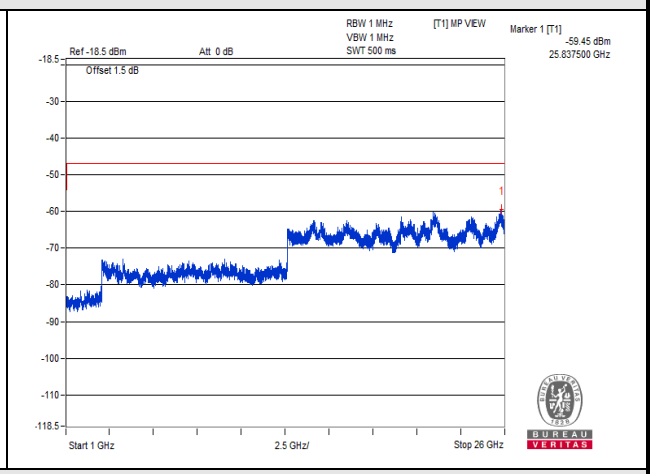
Vmax.





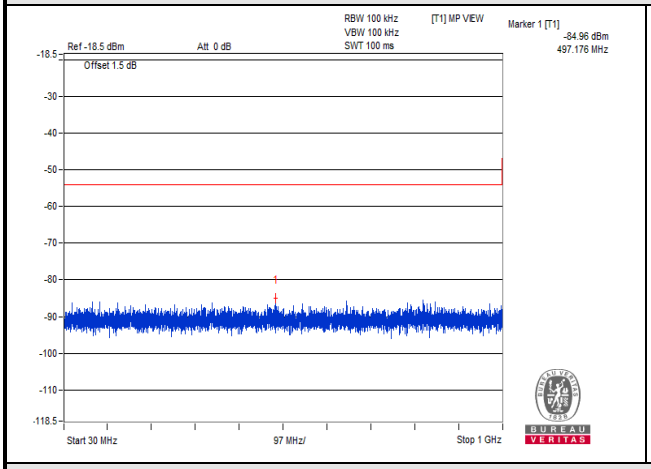
Vmin.

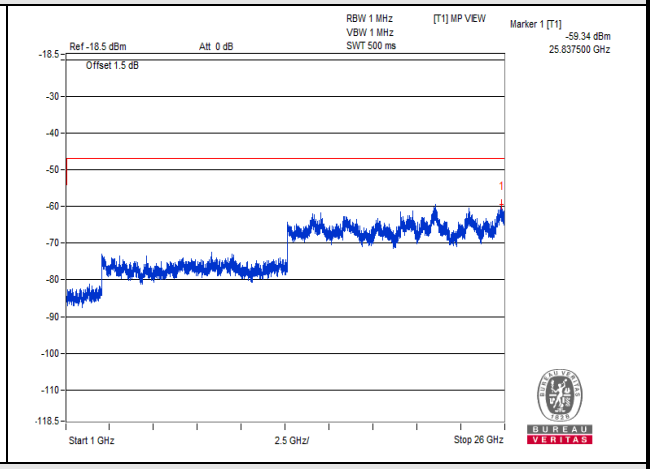




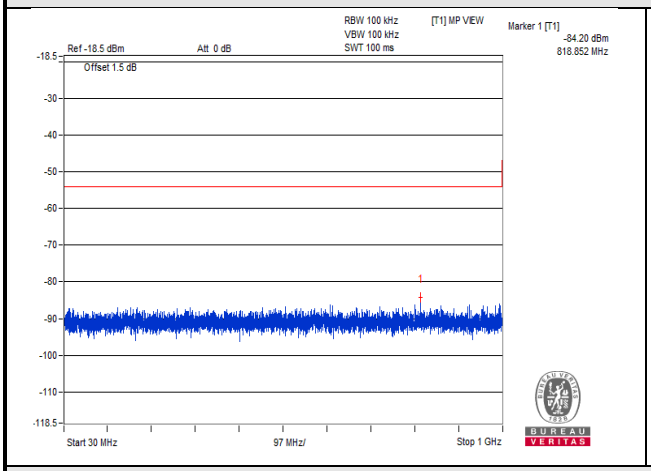
CH 50 (5250MHz)

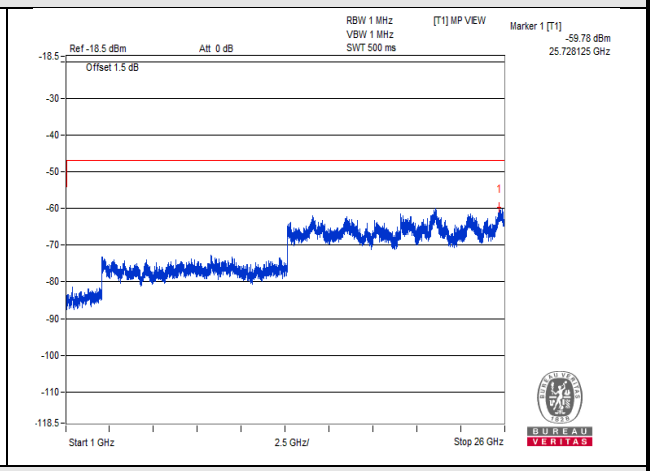
Vnormal



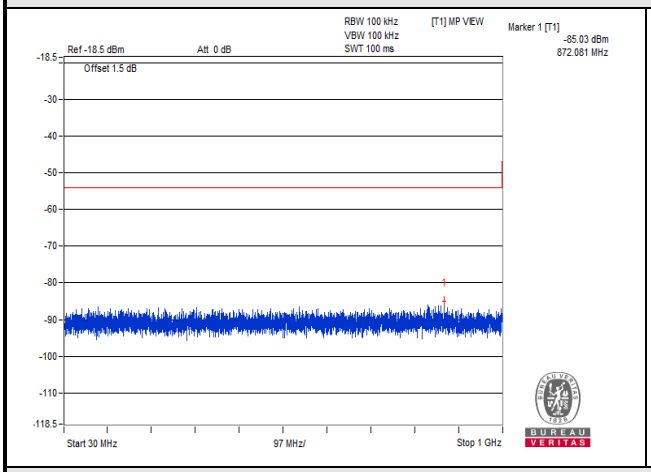


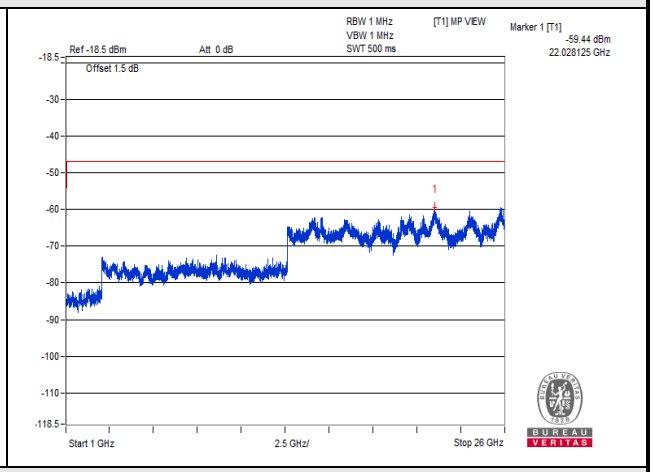
Vmax.





Vmin.





CH 114 (5570MHz)

MIMO

W52, W53 & W56 bands:

802.11n (HT20)

Chain A

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	640.372	0.002249	2.0	PASS
	1000.0 to 26000.0	25859.375	0.796159	10.0	PASS
$V_{max.}$	30.0 to 1000.0	871.960	0.002259	2.0	PASS
	1000.0 to 26000.0	25781.250	1.156112	10.0	PASS
$V_{min.}$	30.0 to 1000.0	553.193	0.002535	2.0	PASS
	1000.0 to 26000.0	22015.625	0.870964	10.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	844.557	0.002673	2.0	PASS
	1000.0 to 26000.0	21959.375	0.881049	10.0	PASS
$V_{max.}$	30.0 to 1000.0	989.208	0.002168	2.0	PASS
	1000.0 to 26000.0	25831.250	1.086426	10.0	PASS
$V_{min.}$	30.0 to 1000.0	989.936	0.002692	2.0	PASS
	1000.0 to 26000.0	22103.125	1.330454	10.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	591.993	0.002547	2.0	PASS
	1000.0 to 26000.0	25821.875	0.935406	10.0	PASS
$V_{max.}$	30.0 to 1000.0	783.568	0.002472	2.0	PASS
	1000.0 to 26000.0	22071.875	0.870964	10.0	PASS
$V_{min.}$	30.0 to 1000.0	467.591	0.002350	2.0	PASS
	1000.0 to 26000.0	21946.875	1.244515	10.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	849.771	0.002576	2.0	PASS
	1000.0 to 26000.0	25856.250	1.402814	10.0	PASS
$V_{max.}$	30.0 to 1000.0	720.882	0.002553	2.0	PASS
	1000.0 to 26000.0	22100.000	0.887156	10.0	PASS
$V_{min.}$	30.0 to 1000.0	882.508	0.002618	2.0	PASS
	1000.0 to 26000.0	22106.250	1.137627	10.0	PASS

TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	373.622	0.002911	2.0	PASS
	1000.0 to 26000.0	25693.750	0.959401	10.0	PASS
$V_{max.}$	30.0 to 1000.0	809.880	0.002466	2.0	PASS
	1000.0 to 26000.0	25834.375	1.247384	10.0	PASS
$V_{min.}$	30.0 to 1000.0	847.346	0.002535	2.0	PASS
	1000.0 to 26000.0	22018.750	1.333521	10.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	473.775	0.002138	2.0	PASS
	1000.0 to 26000.0	25828.125	0.922571	10.0	PASS
$V_{max.}$	30.0 to 1000.0	873.415	0.002594	2.0	PASS
	1000.0 to 26000.0	22140.625	1.083927	10.0	PASS
$V_{min.}$	30.0 to 1000.0	729.491	0.017701	2.0	PASS
	1000.0 to 26000.0	22068.750	0.816582	10.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	652.982	0.002512	2.0	PASS
	1000.0 to 26000.0	25800.000	1.393157	10.0	PASS
$V_{max.}$	30.0 to 1000.0	729.612	0.012134	2.0	PASS
	1000.0 to 26000.0	25737.500	0.948418	10.0	PASS
$V_{min.}$	30.0 to 1000.0	744.647	0.002291	2.0	PASS
	1000.0 to 26000.0	25787.500	1.270574	10.0	PASS

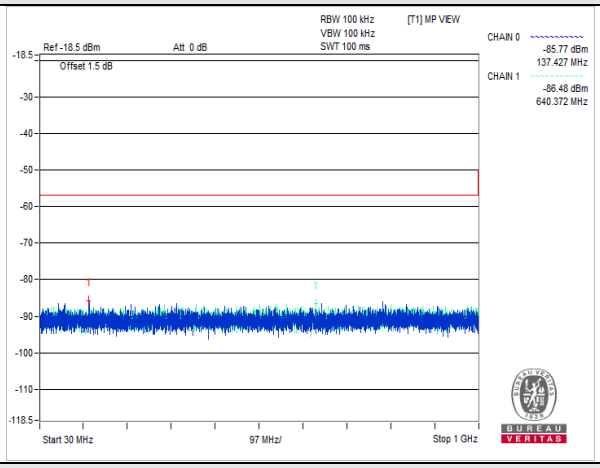
802.11n (HT20)

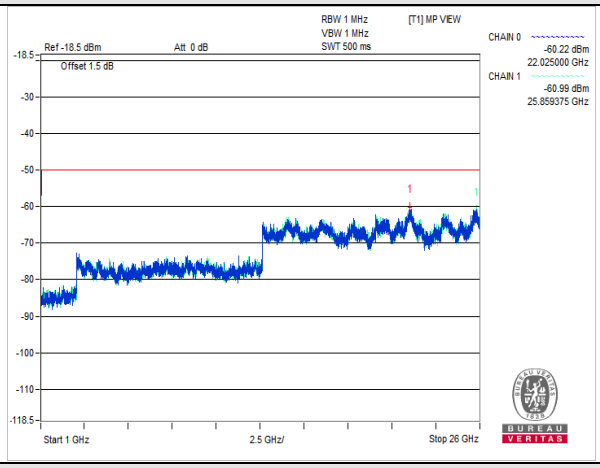
Chain B

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	137.427	0.002649	2.0	PASS
	1000.0 to 26000.0	22025.000	0.950605	10.0	PASS
$V_{max.}$	30.0 to 1000.0	963.988	0.002805	2.0	PASS
	1000.0 to 26000.0	22009.375	0.961612	10.0	PASS
$V_{min.}$	30.0 to 1000.0	727.066	0.002307	2.0	PASS
	1000.0 to 26000.0	25800.000	1.221800	10.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	267.528	0.002618	2.0	PASS
	1000.0 to 26000.0	25753.125	1.044720	10.0	PASS
$V_{max.}$	30.0 to 1000.0	326.820	0.002559	2.0	PASS
	1000.0 to 26000.0	22043.750	1.166810	10.0	PASS
$V_{min.}$	30.0 to 1000.0	493.538	0.002399	2.0	PASS
	1000.0 to 26000.0	22043.750	0.946237	10.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	260.981	0.002449	2.0	PASS
	1000.0 to 26000.0	25921.875	0.977237	10.0	PASS
$V_{max.}$	30.0 to 1000.0	286.807	0.002506	2.0	PASS
	1000.0 to 26000.0	25796.875	1.114295	10.0	PASS
$V_{min.}$	30.0 to 1000.0	646.071	0.002148	2.0	PASS
	1000.0 to 26000.0	22006.250	1.025652	10.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	843.345	0.002564	2.0	PASS
	1000.0 to 26000.0	22034.375	0.912011	10.0	PASS
$V_{max.}$	30.0 to 1000.0	766.836	0.002965	2.0	PASS
	1000.0 to 26000.0	25843.750	0.948418	10.0	PASS
$V_{min.}$	30.0 to 1000.0	998.302	0.002518	2.0	PASS
	1000.0 to 26000.0	22018.750	1.174898	10.0	PASS

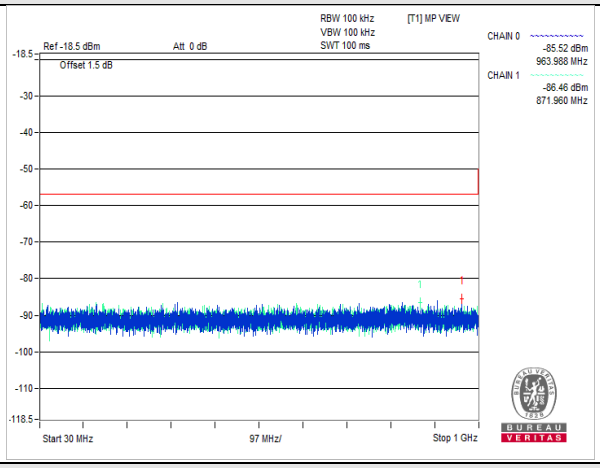
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	745.253	0.002466	2.0	PASS
	1000.0 to 26000.0	25700.000	1.028016	10.0	PASS
$V_{max.}$	30.0 to 1000.0	854.742	0.002333	2.0	PASS
	1000.0 to 26000.0	25793.750	0.968278	10.0	PASS
$V_{min.}$	30.0 to 1000.0	587.265	0.002291	2.0	PASS
	1000.0 to 26000.0	25928.125	1.020939	10.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	360.770	0.002427	2.0	PASS
	1000.0 to 26000.0	25903.125	0.957194	10.0	PASS
$V_{max.}$	30.0 to 1000.0	324.758	0.002500	2.0	PASS
	1000.0 to 26000.0	22053.125	0.979490	10.0	PASS
$V_{min.}$	30.0 to 1000.0	439.340	0.002203	2.0	PASS
	1000.0 to 26000.0	25787.500	0.918333	10.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	824.672	0.002239	2.0	PASS
	1000.0 to 26000.0	25846.875	1.096478	10.0	PASS
$V_{max.}$	30.0 to 1000.0	856.318	0.002388	2.0	PASS
	1000.0 to 26000.0	22106.250	0.995405	10.0	PASS
$V_{min.}$	30.0 to 1000.0	792.298	0.002630	2.0	PASS
	1000.0 to 26000.0	22068.750	1.183042	10.0	PASS

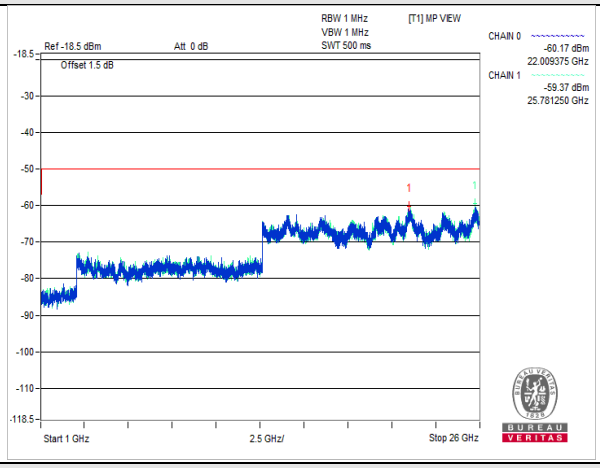
Vnormal



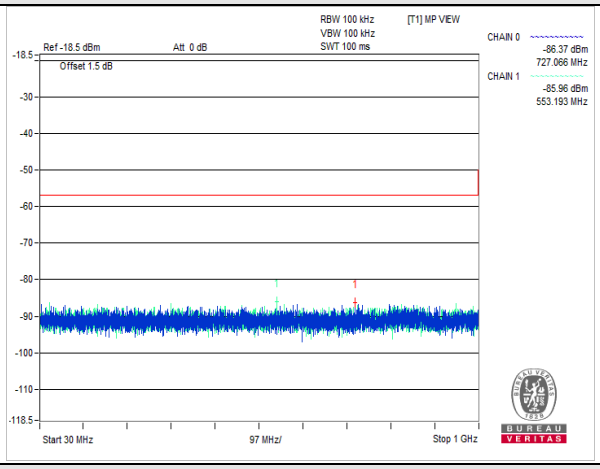


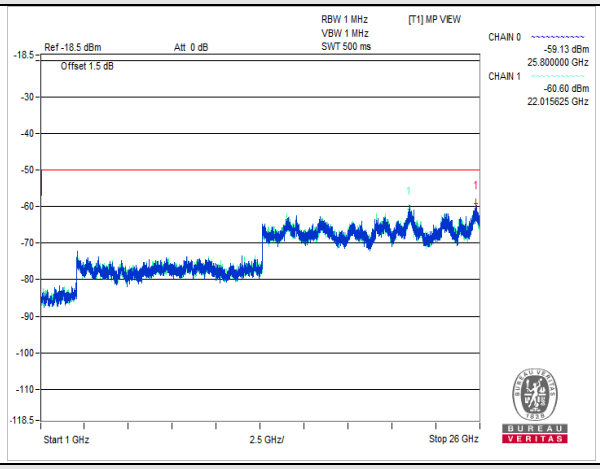
Vmax.





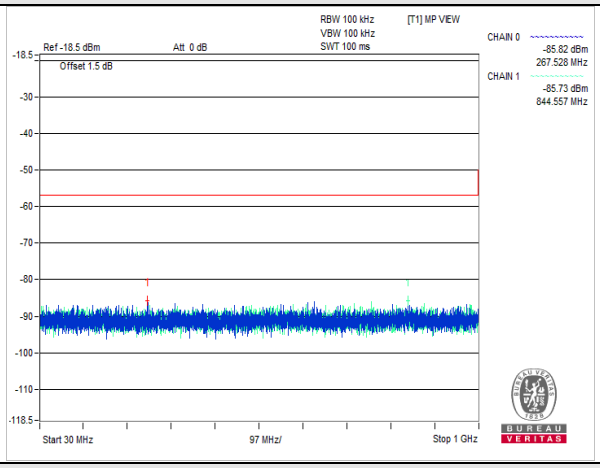
Vmin.

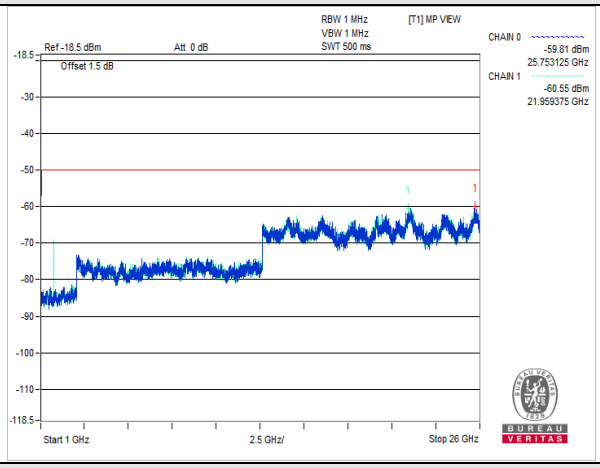




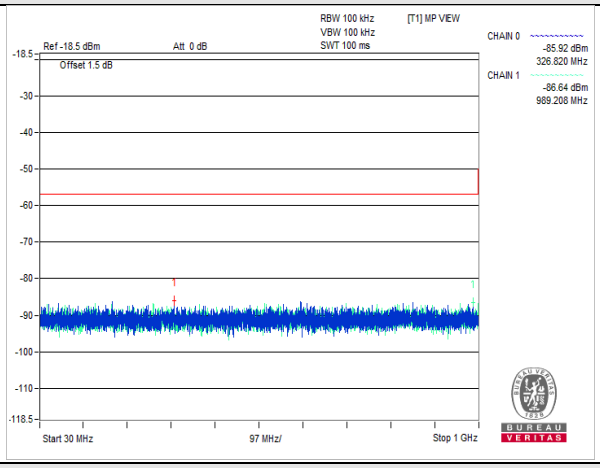
CH 36 (5180MHz)

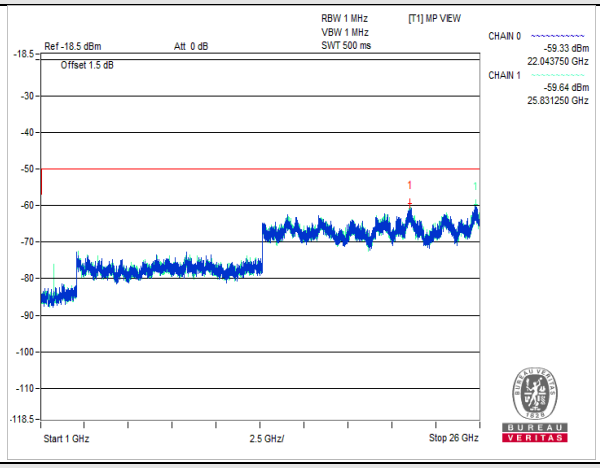
Vnormal



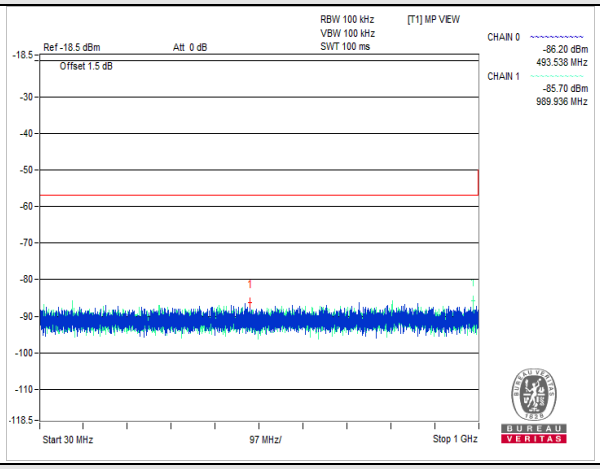


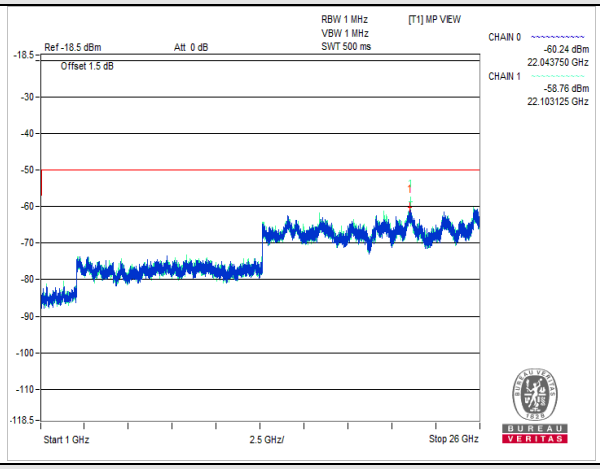
Vmax.





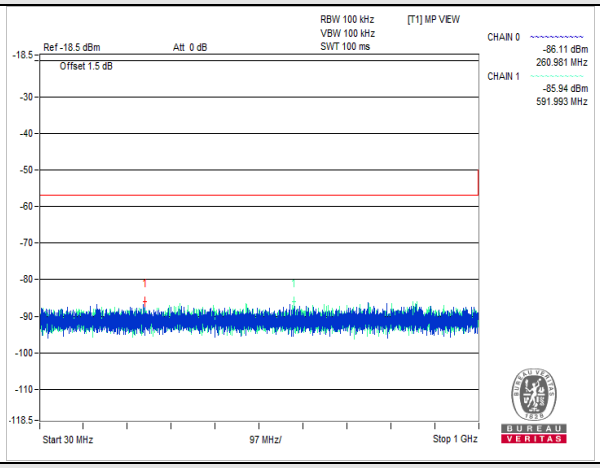
Vmin.

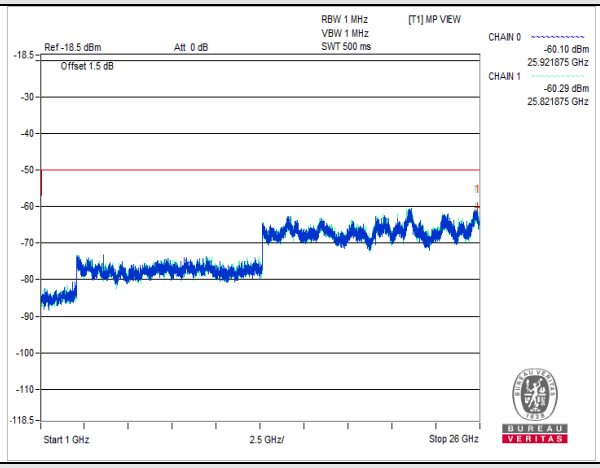




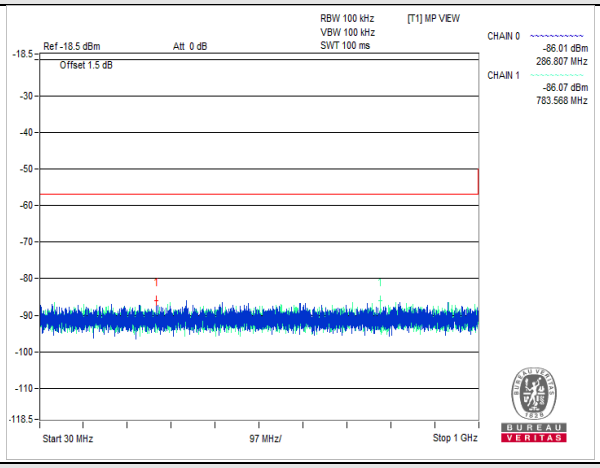
CH 48 (5240MHz)

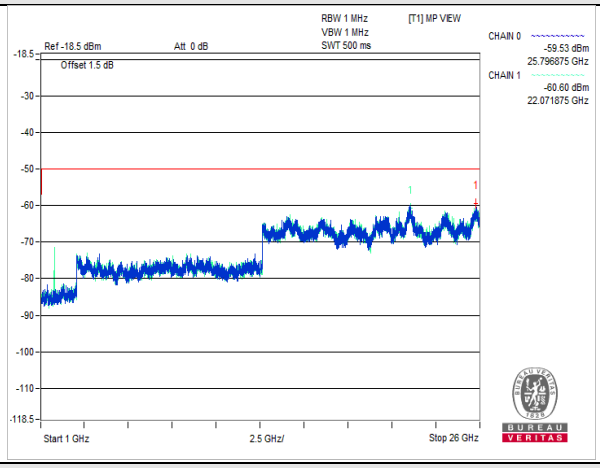
Vnormal



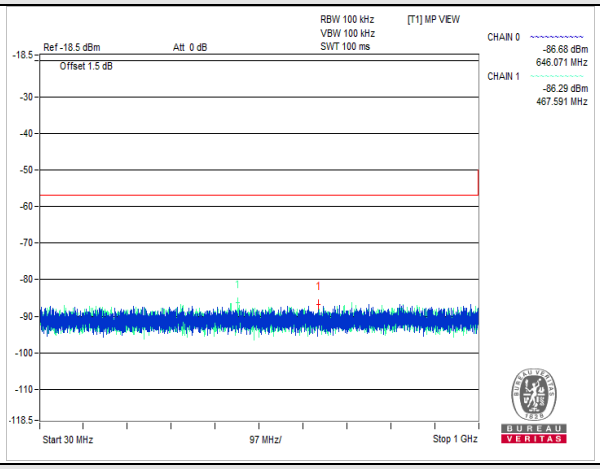


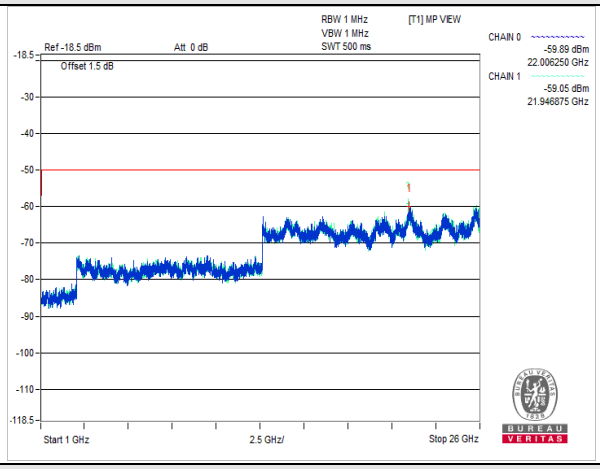
Vmax.





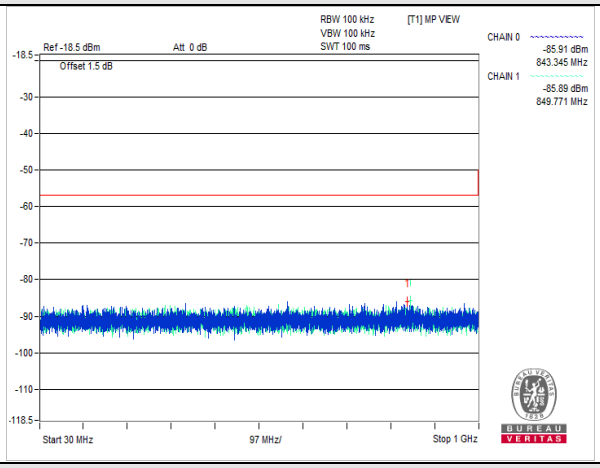
Vmin.

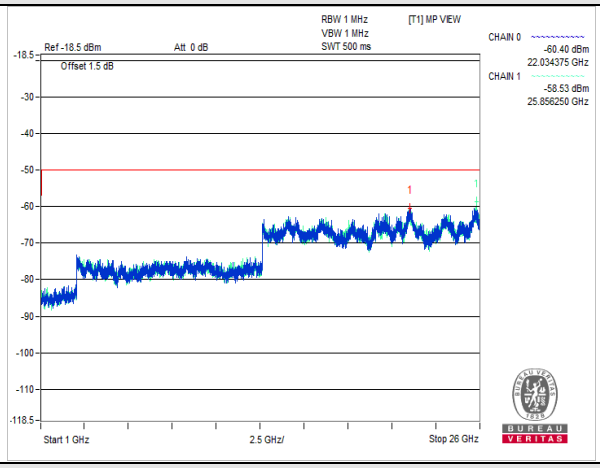




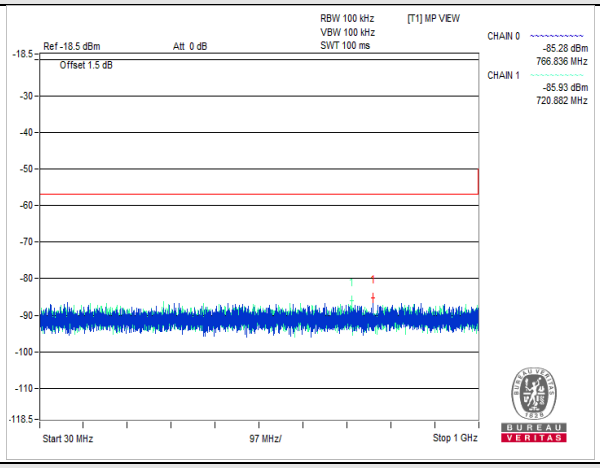
CH 52 (5260MHz)

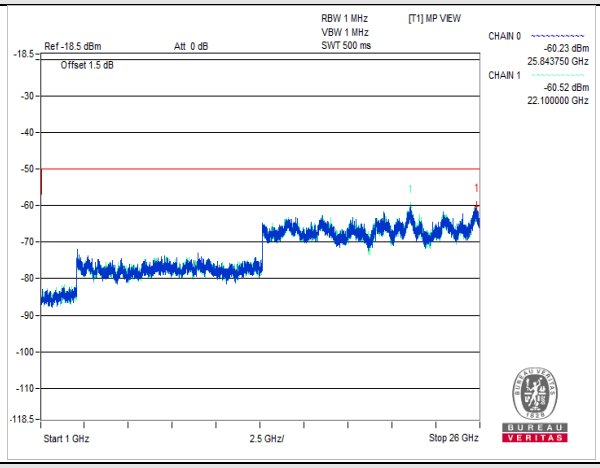
Vnormal



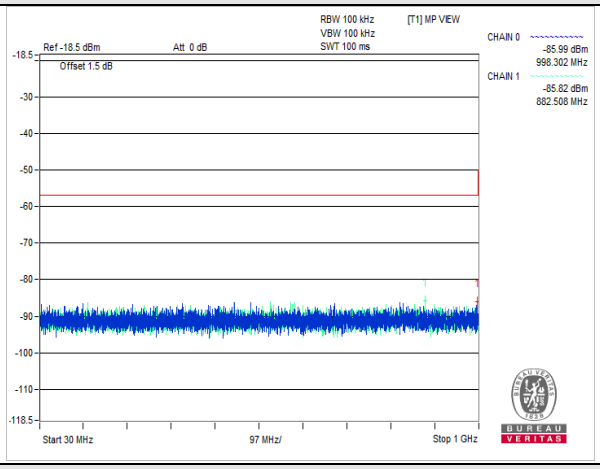


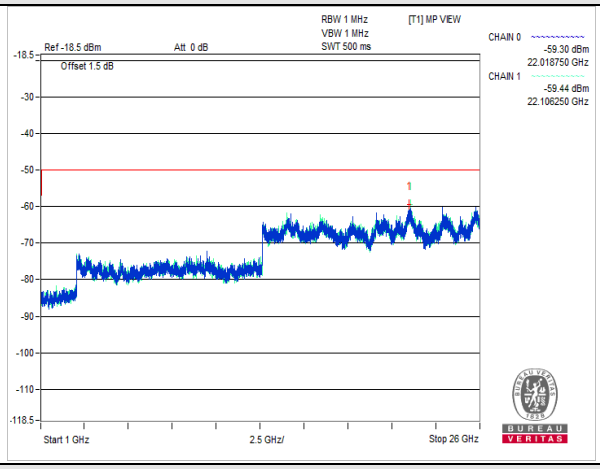
Vmax.





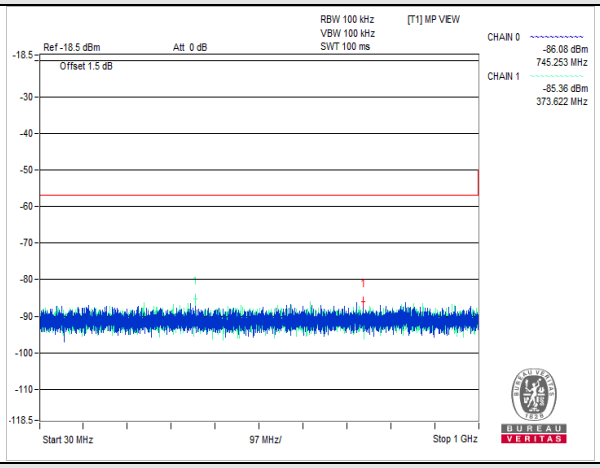
Vmin.

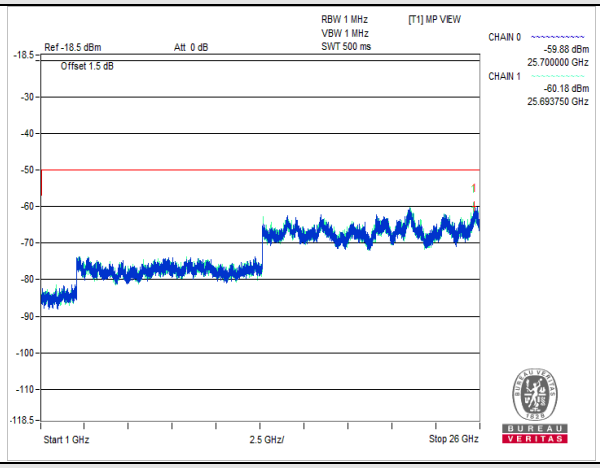




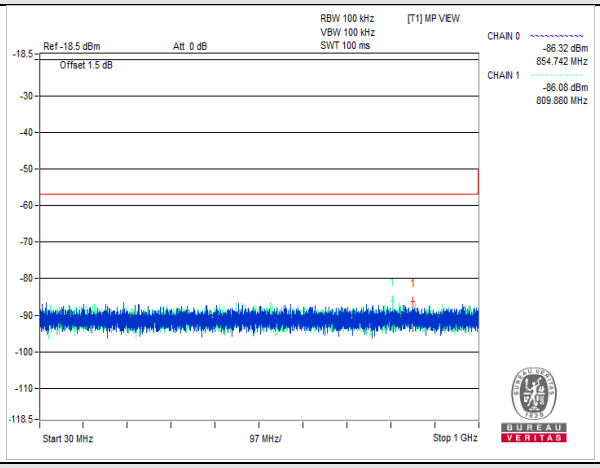
CH 64 (5320MHz)

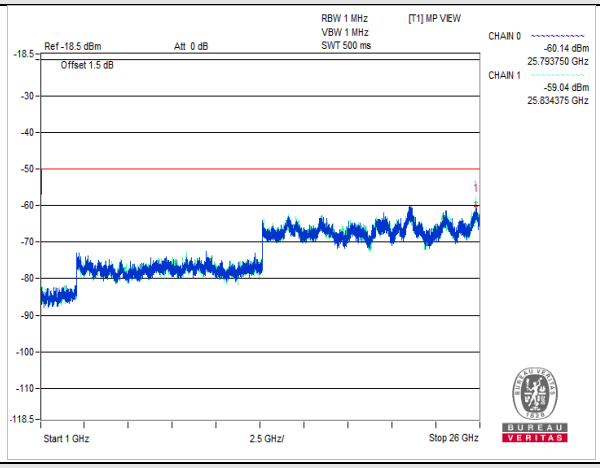
Vnormal



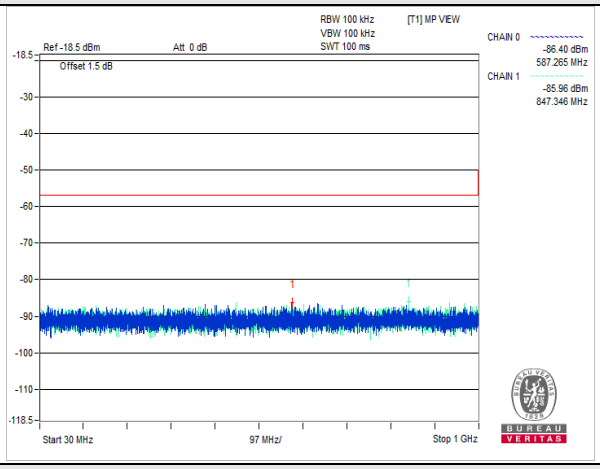


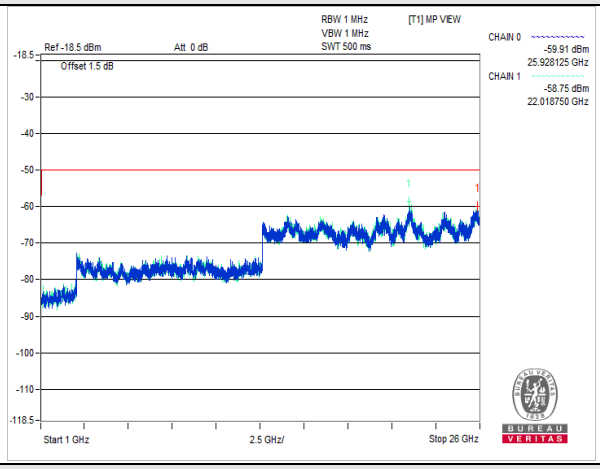
Vmax.





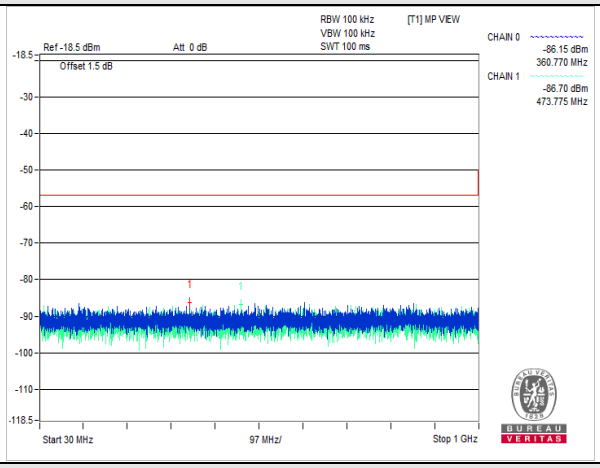
Vmin.

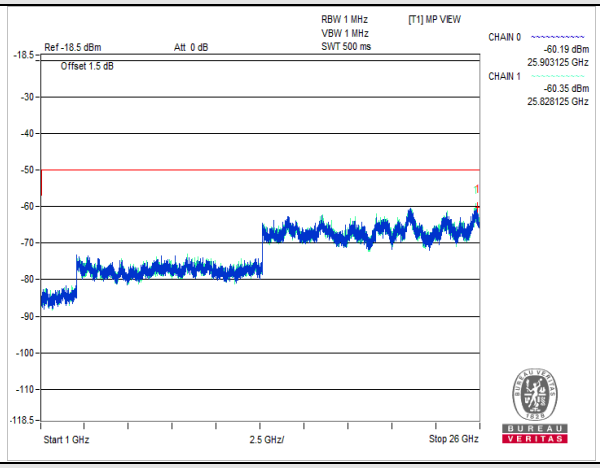




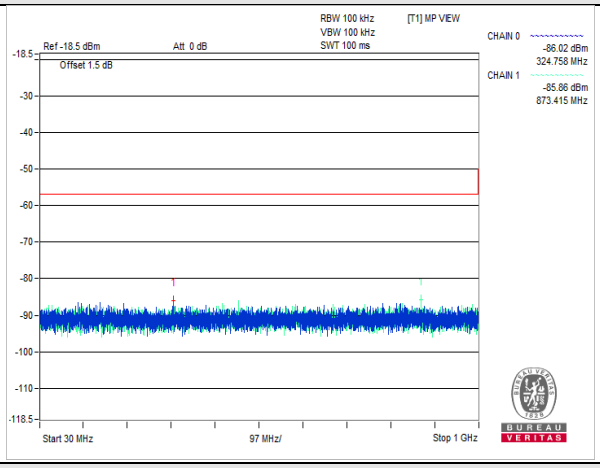
CH 100 (5500MHz)

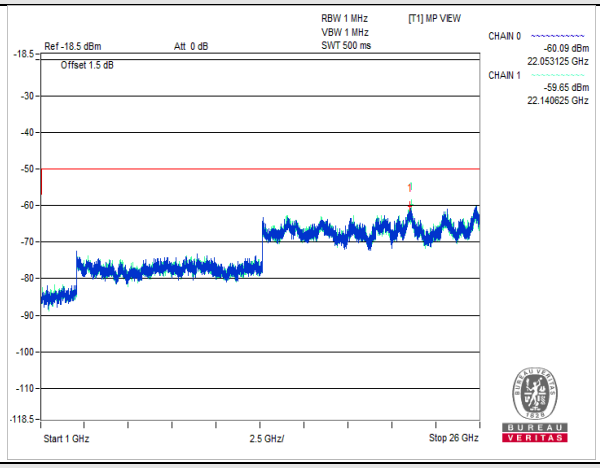
Vnormal



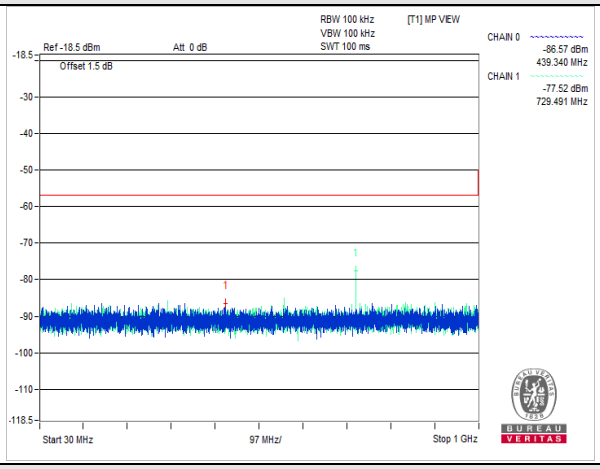


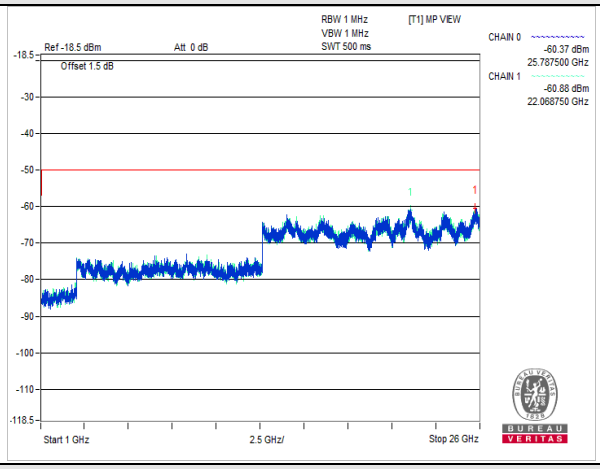
Vmax.





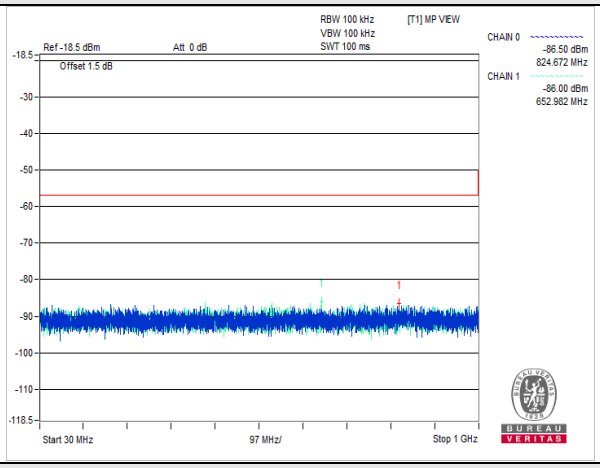
Vmin.

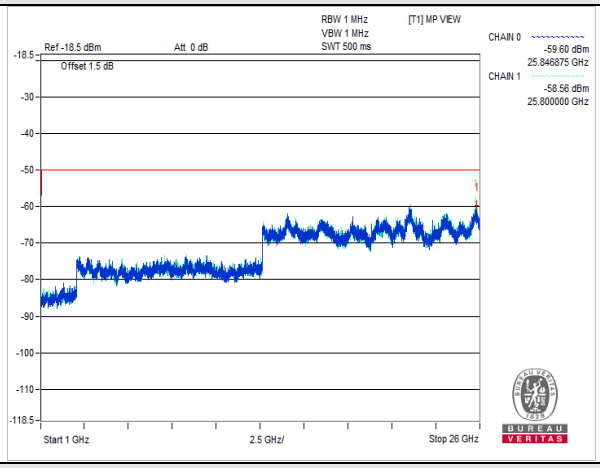




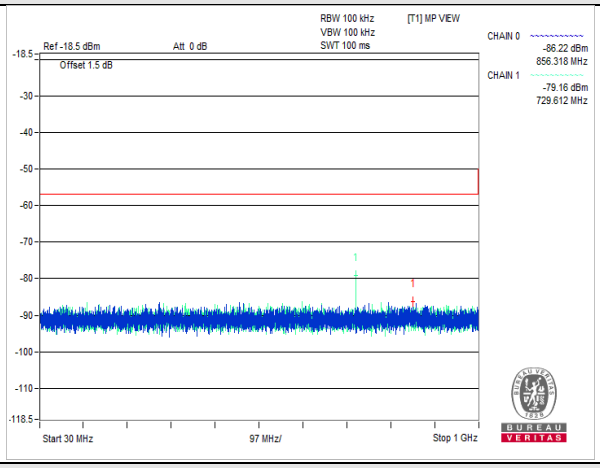
CH 120 (5600MHz)

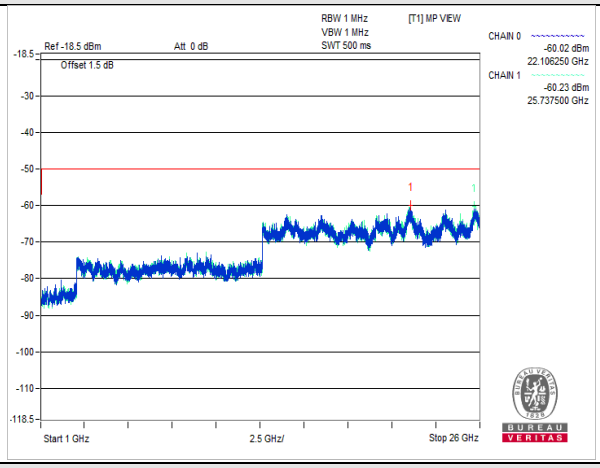
Vnormal



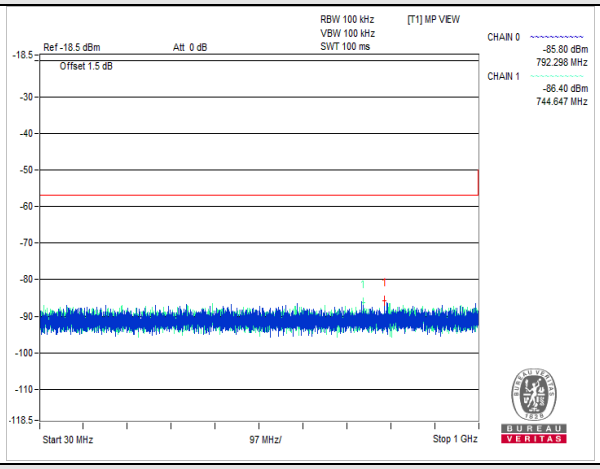


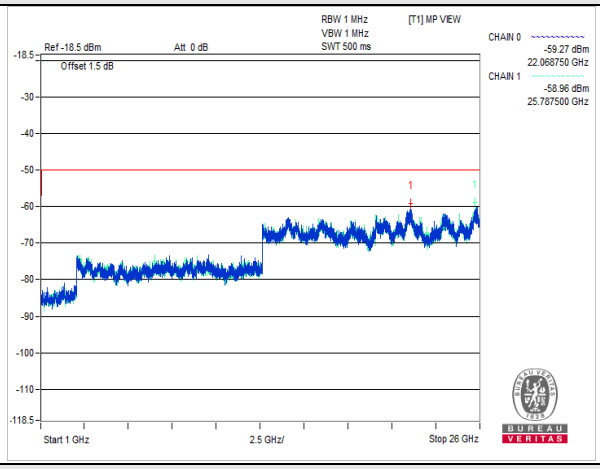
Vmax.





Vmin.





CH 144 (5720MHz)

Sum of each Chain

TEST CHANNEL		CH 36 (5180MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.004898	4	PASS
	1000.0 to 26000.0	1.746764	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005064	4	PASS
	1000.0 to 26000.0	2.117724	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004842	4	PASS
	1000.0 to 26000.0	2.092764	20	PASS
TEST CHANNEL		CH 48 (5240MHz)		
V_{normal}	30.0 to 1000.0	0.005291	4	PASS
	1000.0 to 26000.0	1.925769	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004727	4	PASS
	1000.0 to 26000.0	2.253236	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005091	4	PASS
	1000.0 to 26000.0	2.276691	20	PASS
TEST CHANNEL		CH 52 (5260MHz)		
V_{normal}	30.0 to 1000.0	0.004996	4	PASS
	1000.0 to 26000.0	1.912643	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004978	4	PASS
	1000.0 to 26000.0	1.985259	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004498	4	PASS
	1000.0 to 26000.0	2.270167	20	PASS
TEST CHANNEL		CH 64 (5320MHz)		
V_{normal}	30.0 to 1000.0	0.005140	4	PASS
	1000.0 to 26000.0	2.314825	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005518	4	PASS
	1000.0 to 26000.0	1.835574	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005136	4	PASS
	1000.0 to 26000.0	2.312525	20	PASS

TEST CHANNEL		CH 100 (5500MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005377	4	PASS
	1000.0 to 26000.0	1.987417	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004799	4	PASS
	1000.0 to 26000.0	2.215662	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004826	4	PASS
	1000.0 to 26000.0	2.354460	20	PASS
TEST CHANNEL		CH 120 (5600MHz)		
V_{normal}	30.0 to 1000.0	0.004565	4	PASS
	1000.0 to 26000.0	1.879765	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005094	4	PASS
	1000.0 to 26000.0	2.063417	20	PASS
$V_{min.}$	30.0 to 1000.0	0.019904	4	PASS
	1000.0 to 26000.0	1.734915	20	PASS
TEST CHANNEL		CH 144 (5720MHz)		
V_{normal}	30.0 to 1000.0	0.004751	4	PASS
	1000.0 to 26000.0	2.489635	20	PASS
$V_{max.}$	30.0 to 1000.0	0.014522	4	PASS
	1000.0 to 26000.0	1.943823	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004921	4	PASS
	1000.0 to 26000.0	2.453616	20	PASS

802.11n (HT40)

Chain A

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	66.617	0.002094	2.0	PASS
	1000.0 to 26000.0	25784.375	0.868960	10.0	PASS
$V_{max.}$	30.0 to 1000.0	959.623	0.002500	2.0	PASS
	1000.0 to 26000.0	22025.000	1.059254	10.0	PASS
$V_{min.}$	30.0 to 1000.0	960.230	0.002366	2.0	PASS
	1000.0 to 26000.0	25753.125	0.997700	10.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	998.181	0.002594	2.0	PASS
	1000.0 to 26000.0	25865.625	0.857038	10.0	PASS
$V_{max.}$	30.0 to 1000.0	578.413	0.002477	2.0	PASS
	1000.0 to 26000.0	21965.625	0.905733	10.0	PASS
$V_{min.}$	30.0 to 1000.0	605.937	0.003162	2.0	PASS
	1000.0 to 26000.0	22031.250	1.054387	10.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	756.408	0.002767	2.0	PASS
	1000.0 to 26000.0	25837.500	0.997700	10.0	PASS
$V_{max.}$	30.0 to 1000.0	746.951	0.004285	2.0	PASS
	1000.0 to 26000.0	25887.500	0.957194	10.0	PASS
$V_{min.}$	30.0 to 1000.0	746.466	0.017140	2.0	PASS
	1000.0 to 26000.0	25756.250	0.788860	10.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	863.108	0.002415	2.0	PASS
	1000.0 to 26000.0	25784.375	1.028016	10.0	PASS
$V_{max.}$	30.0 to 1000.0	849.407	0.002559	2.0	PASS
	1000.0 to 26000.0	22109.375	0.931108	10.0	PASS
$V_{min.}$	30.0 to 1000.0	241.823	0.002844	2.0	PASS
	1000.0 to 26000.0	25778.125	0.833681	10.0	PASS

TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	884.327	0.002244	2.0	PASS
	1000.0 to 26000.0	22093.750	0.881049	10.0	PASS
$V_{max.}$	30.0 to 1000.0	914.882	0.002523	2.0	PASS
	1000.0 to 26000.0	22125.000	0.851138	10.0	PASS
$V_{min.}$	30.0 to 1000.0	826.006	0.002296	2.0	PASS
	1000.0 to 26000.0	22059.375	1.166810	10.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	729.733	0.008590	2.0	PASS
	1000.0 to 26000.0	22112.500	0.914113	10.0	PASS
$V_{max.}$	30.0 to 1000.0	632.248	0.002553	2.0	PASS
	1000.0 to 26000.0	25846.875	1.216186	10.0	PASS
$V_{min.}$	30.0 to 1000.0	502.268	0.002366	2.0	PASS
	1000.0 to 26000.0	25825.000	1.132400	10.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	859.107	0.002600	2.0	PASS
	1000.0 to 26000.0	25850.000	0.935406	10.0	PASS
$V_{max.}$	30.0 to 1000.0	597.813	0.002642	2.0	PASS
	1000.0 to 26000.0	25862.500	0.924698	10.0	PASS
$V_{min.}$	30.0 to 1000.0	299.417	0.002477	2.0	PASS
	1000.0 to 26000.0	25818.750	0.872971	10.0	PASS

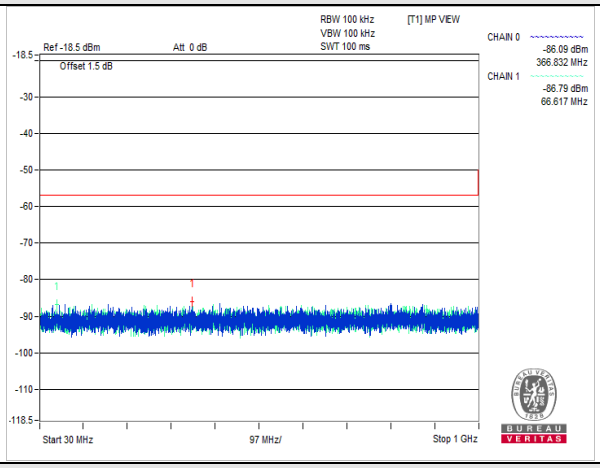
802.11n (HT40)

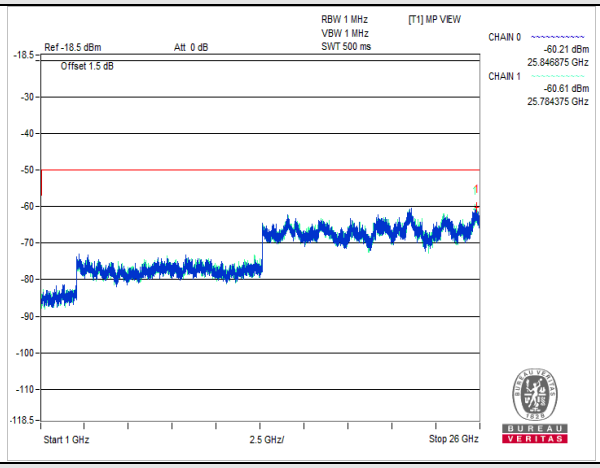
Chain B

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	366.832	0.002460	2.0	PASS
	1000.0 to 26000.0	25846.875	0.952796	10.0	PASS
$V_{max.}$	30.0 to 1000.0	100.446	0.002399	2.0	PASS
	1000.0 to 26000.0	22025.000	1.088930	10.0	PASS
$V_{min.}$	30.0 to 1000.0	182.896	0.002692	2.0	PASS
	1000.0 to 26000.0	25821.875	0.914113	10.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	567.622	0.002512	2.0	PASS
	1000.0 to 26000.0	25859.375	0.993116	10.0	PASS
$V_{max.}$	30.0 to 1000.0	841.283	0.002421	2.0	PASS
	1000.0 to 26000.0	25834.375	0.901571	10.0	PASS
$V_{min.}$	30.0 to 1000.0	473.775	0.002506	2.0	PASS
	1000.0 to 26000.0	25759.375	1.241652	10.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	990.057	0.002818	2.0	PASS
	1000.0 to 26000.0	25806.250	0.912011	10.0	PASS
$V_{max.}$	30.0 to 1000.0	667.290	0.002460	2.0	PASS
	1000.0 to 26000.0	22053.125	0.993116	10.0	PASS
$V_{min.}$	30.0 to 1000.0	900.817	0.002371	2.0	PASS
	1000.0 to 26000.0	25812.500	0.853100	10.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	959.623	0.002729	2.0	PASS
	1000.0 to 26000.0	25806.250	1.083927	10.0	PASS
$V_{max.}$	30.0 to 1000.0	822.732	0.002518	2.0	PASS
	1000.0 to 26000.0	25831.250	0.847227	10.0	PASS
$V_{min.}$	30.0 to 1000.0	543.251	0.002576	2.0	PASS
	1000.0 to 26000.0	22150.000	1.049542	10.0	PASS

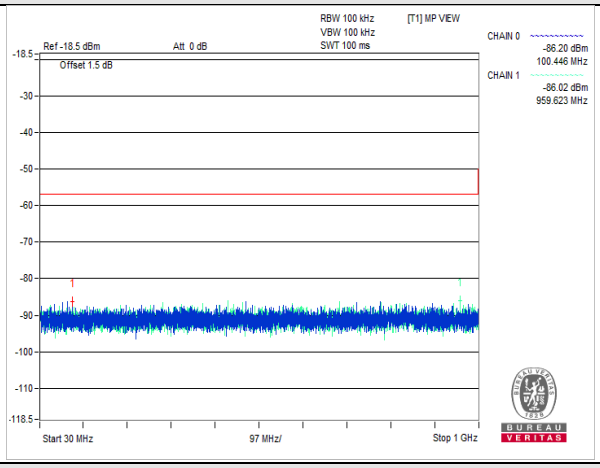
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	347.068	0.002742	2.0	PASS
	1000.0 to 26000.0	25812.500	0.881049	10.0	PASS
$V_{max.}$	30.0 to 1000.0	281.715	0.003097	2.0	PASS
	1000.0 to 26000.0	25825.000	1.119438	10.0	PASS
$V_{min.}$	30.0 to 1000.0	613.940	0.002667	2.0	PASS
	1000.0 to 26000.0	25778.125	1.083927	10.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	625.095	0.002460	2.0	PASS
	1000.0 to 26000.0	25771.875	1.153453	10.0	PASS
$V_{max.}$	30.0 to 1000.0	943.376	0.002350	2.0	PASS
	1000.0 to 26000.0	22050.000	1.088930	10.0	PASS
$V_{min.}$	30.0 to 1000.0	292.142	0.002443	2.0	PASS
	1000.0 to 26000.0	25846.875	0.986279	10.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	937.677	0.002805	2.0	PASS
	1000.0 to 26000.0	22006.250	1.006932	10.0	PASS
$V_{max.}$	30.0 to 1000.0	736.402	0.013836	2.0	PASS
	1000.0 to 26000.0	22071.875	0.966051	10.0	PASS
$V_{min.}$	30.0 to 1000.0	58.978	0.002698	2.0	PASS
	1000.0 to 26000.0	22053.125	1.396368	10.0	PASS

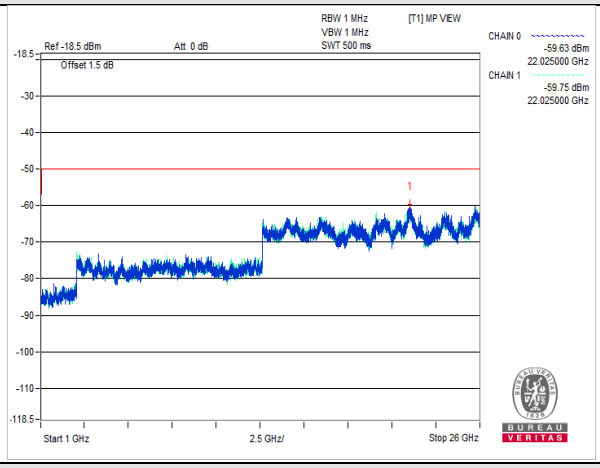
Vnormal



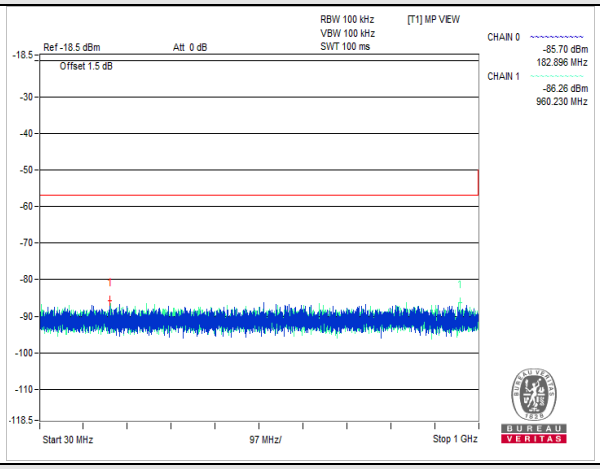


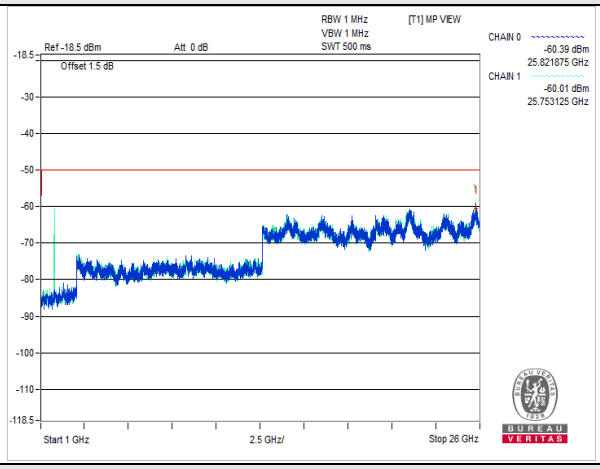
Vmax.





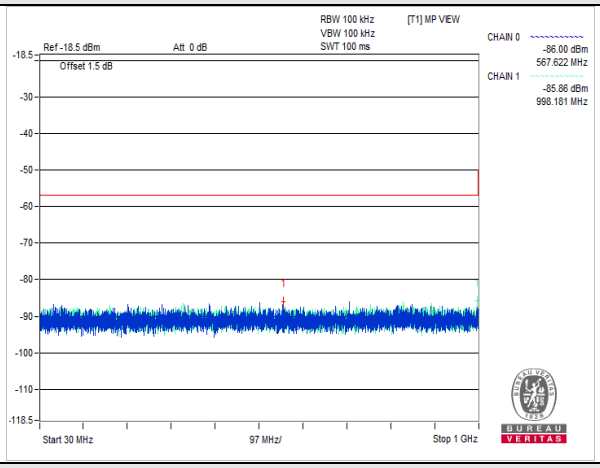
Vmin.

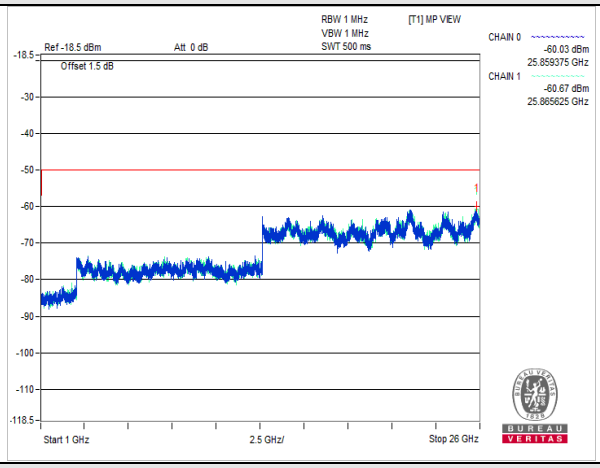




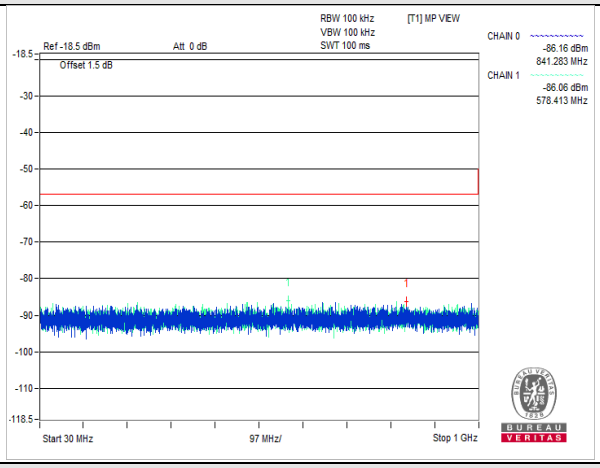
CH 38 (5190MHz)

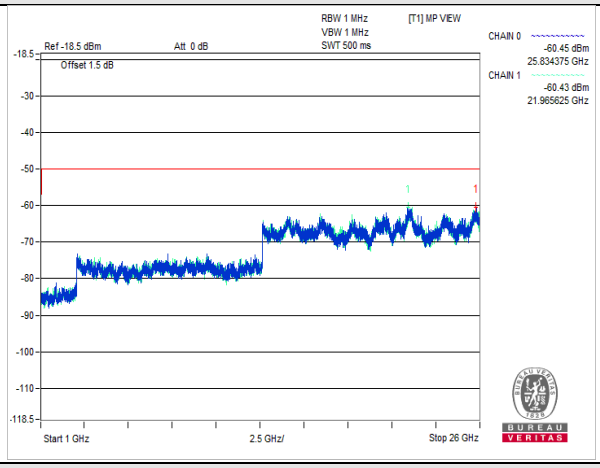
Vnormal



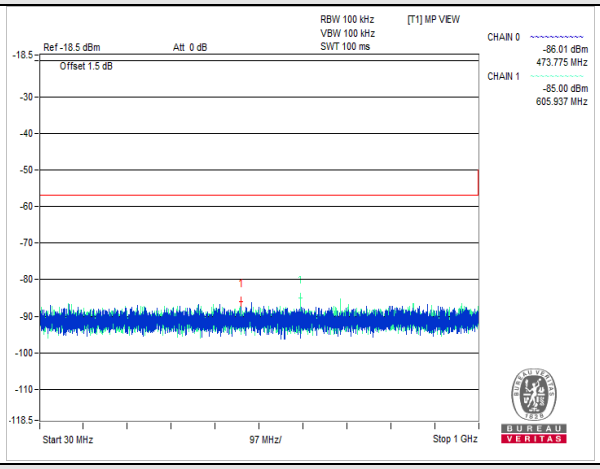


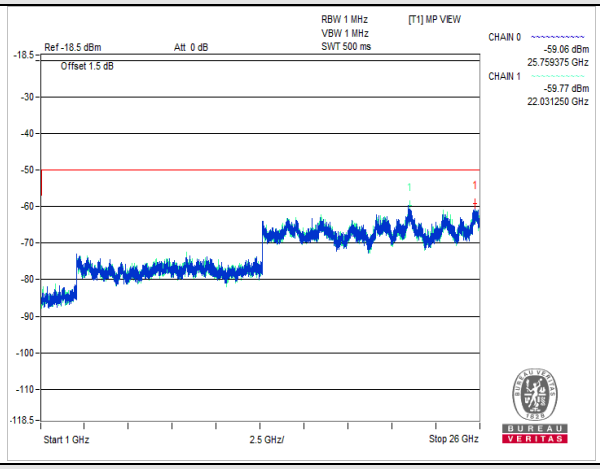
Vmax.





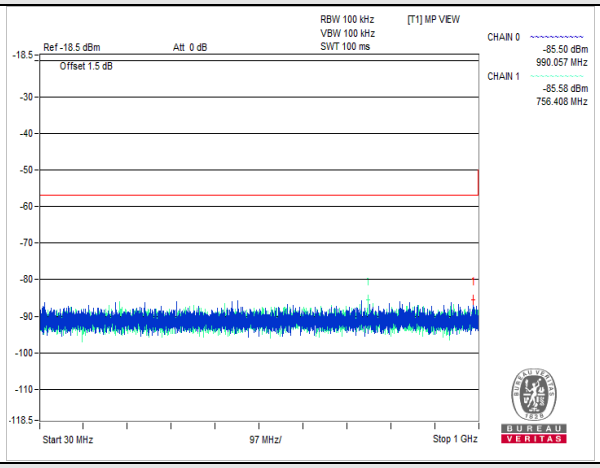
Vmin.

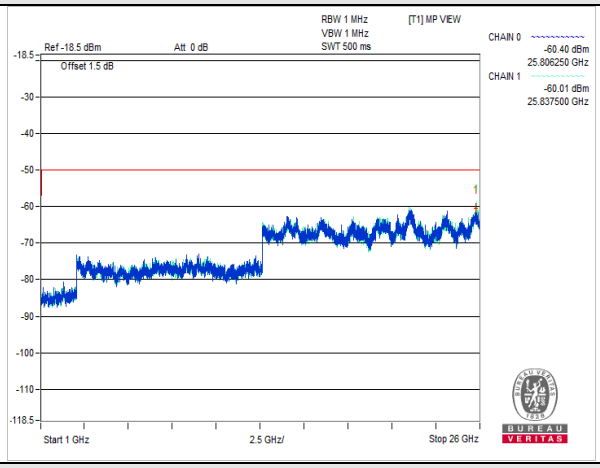




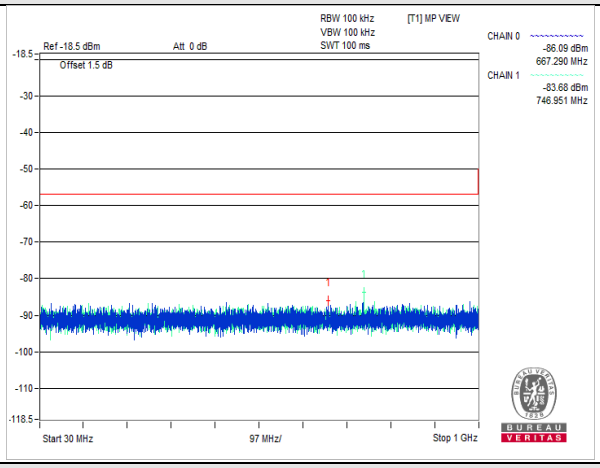
CH 46 (5230MHz)

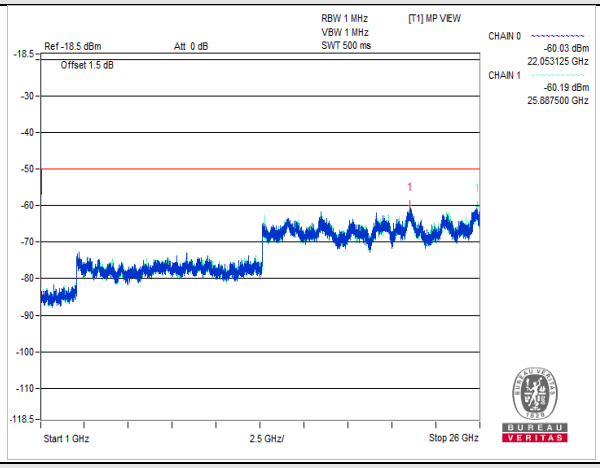
Vnormal



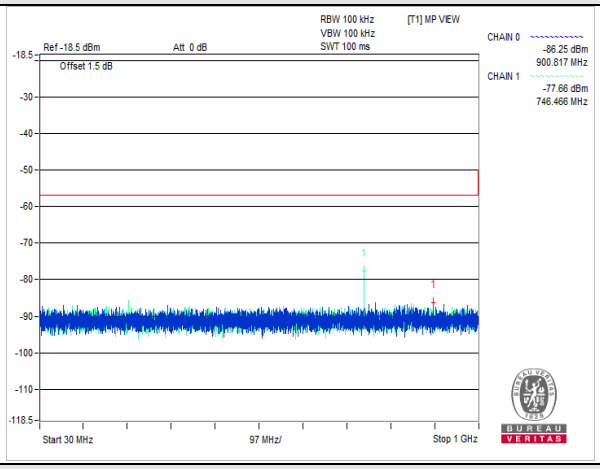


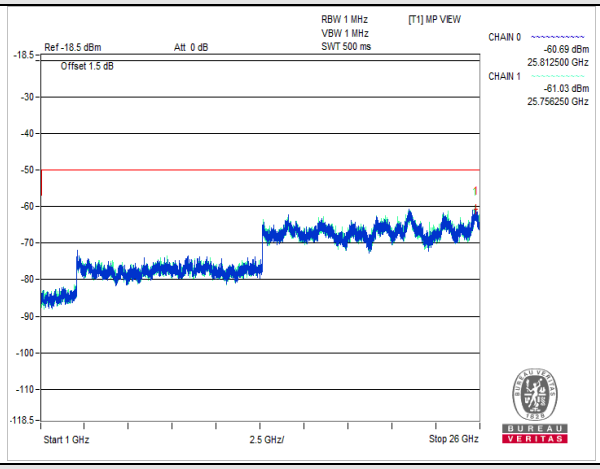
Vmax.





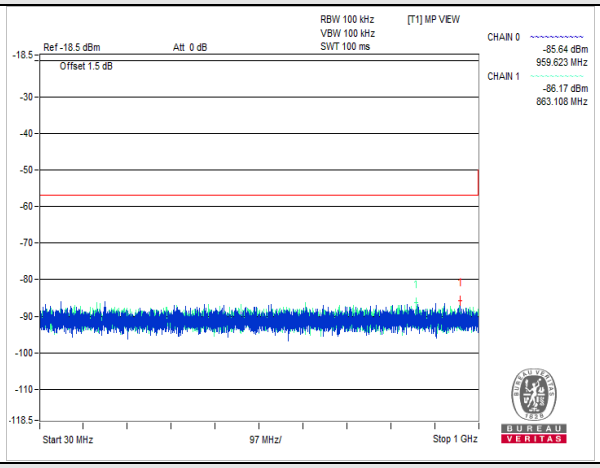
Vmin.

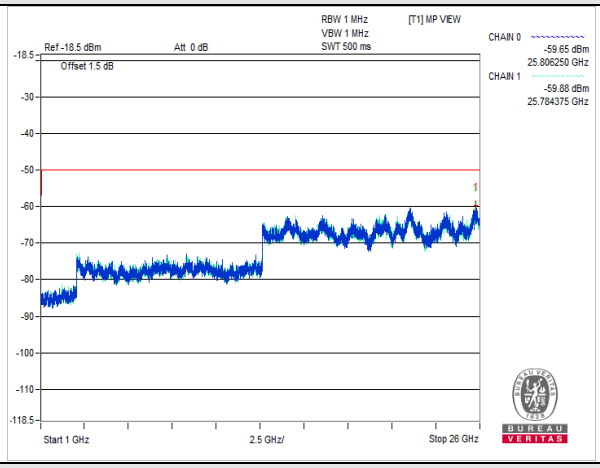




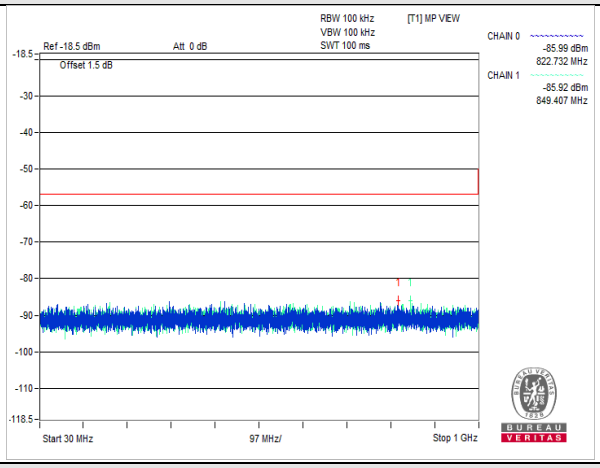
CH 54 (5270MHz)

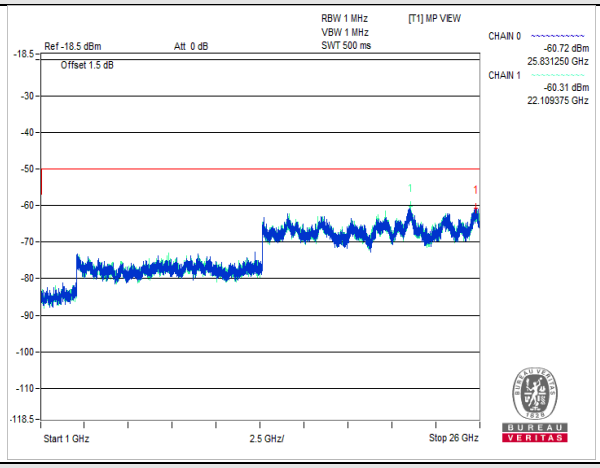
Vnormal



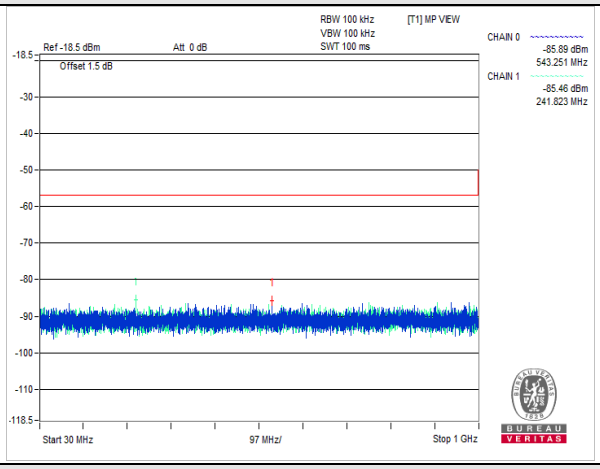


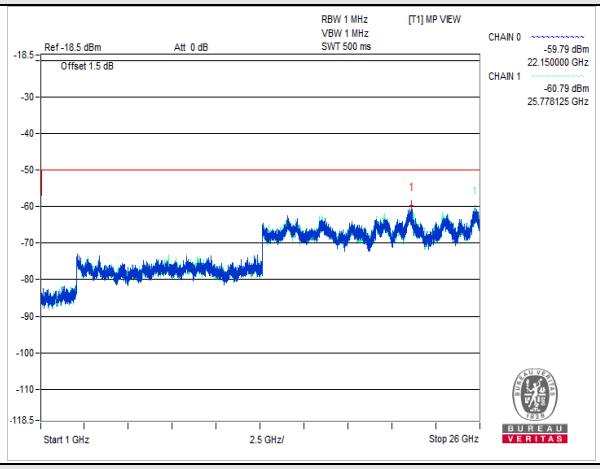
Vmax.





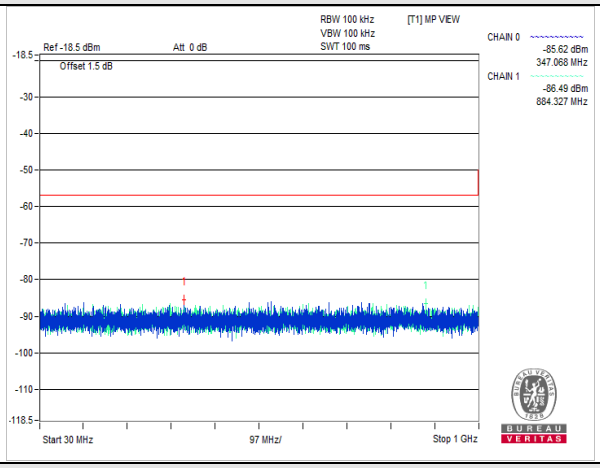
Vmin.

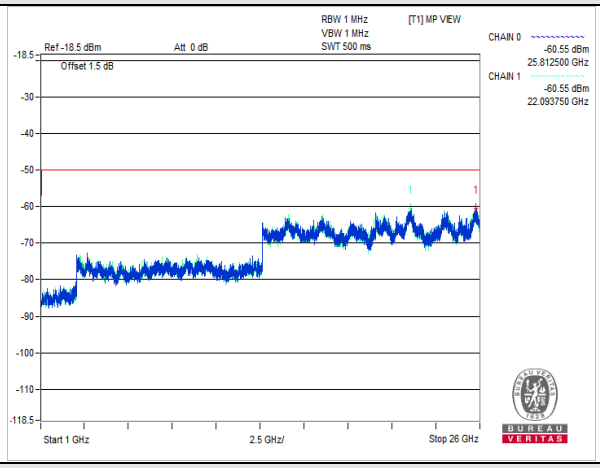




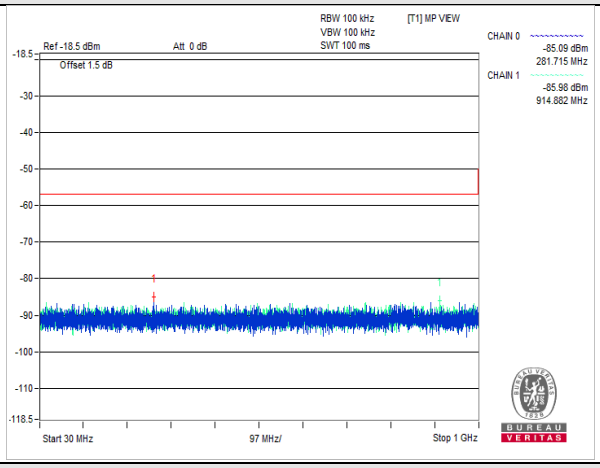
CH 62 (5310MHz)

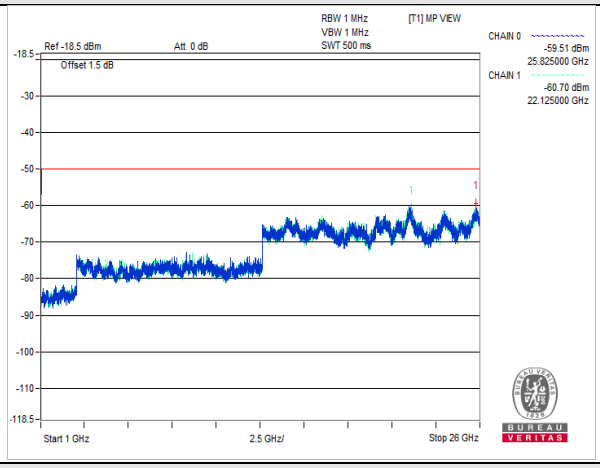
Vnormal



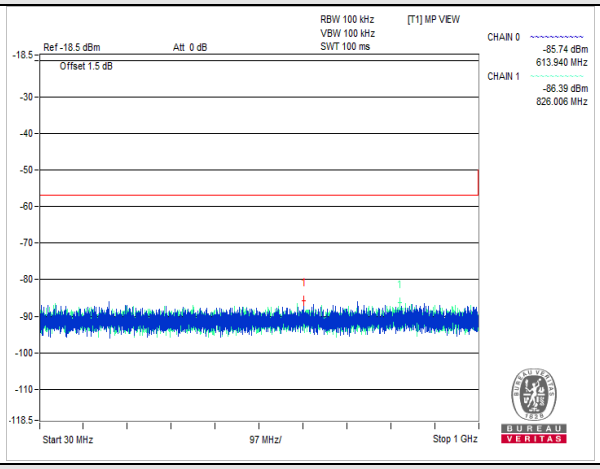


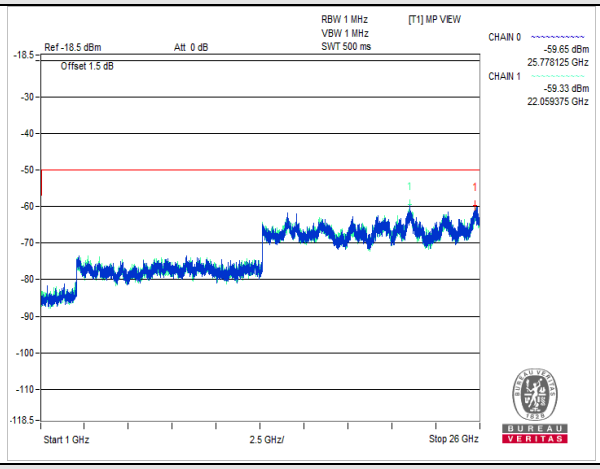
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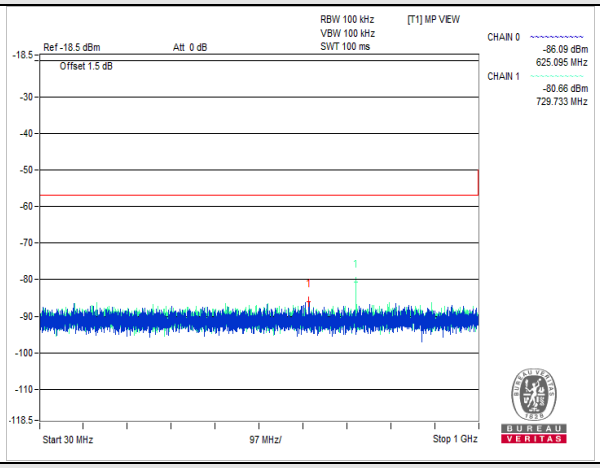
Vmin.

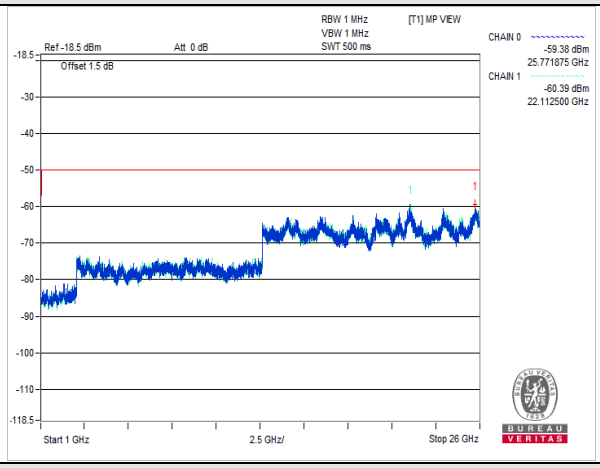




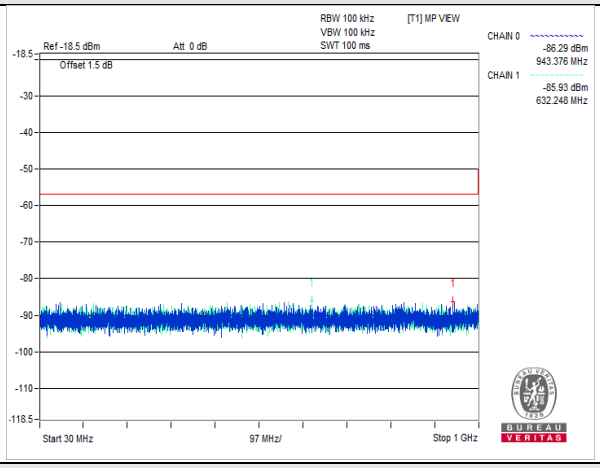
CH 102 (5510MHz)

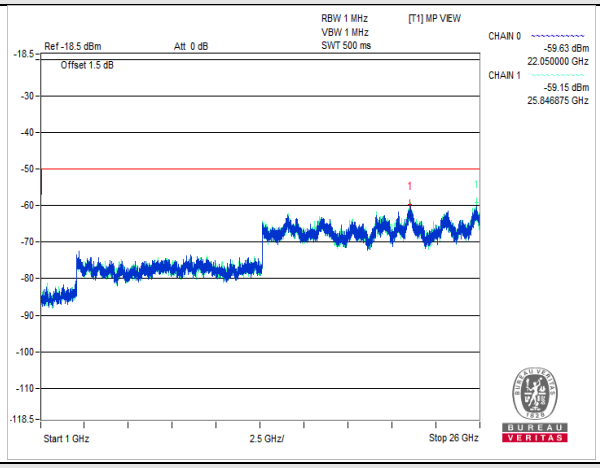
Vnormal



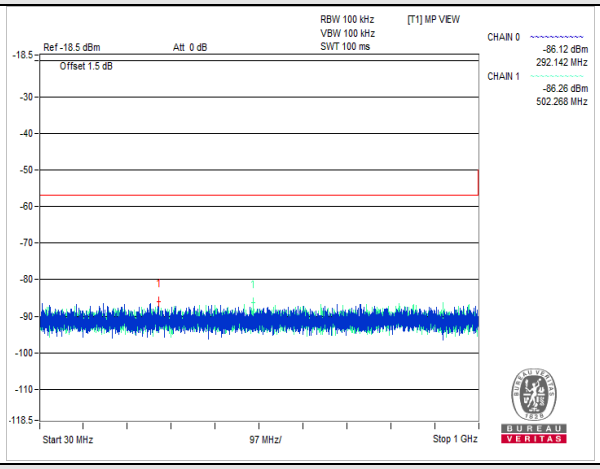


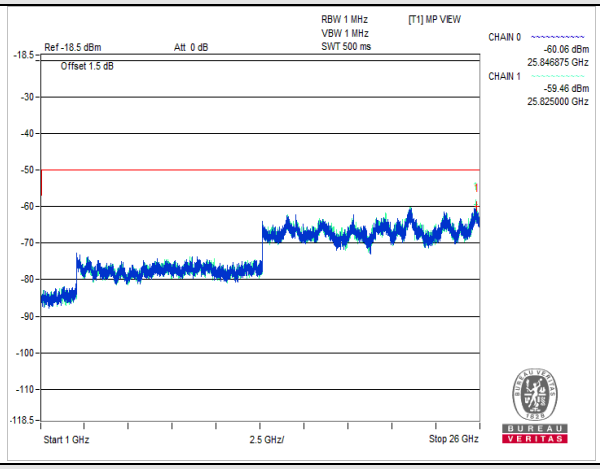
Vmax.





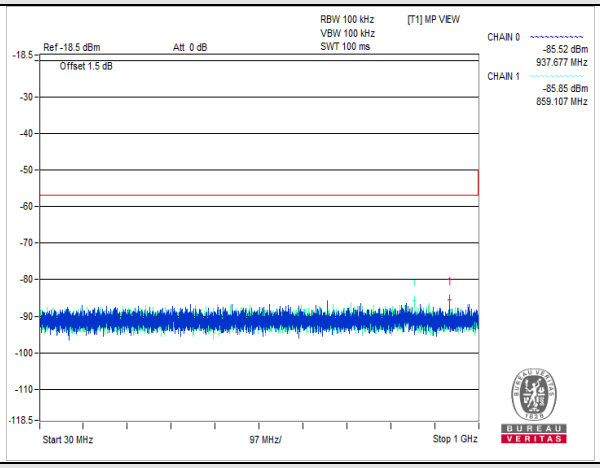
Vmin.

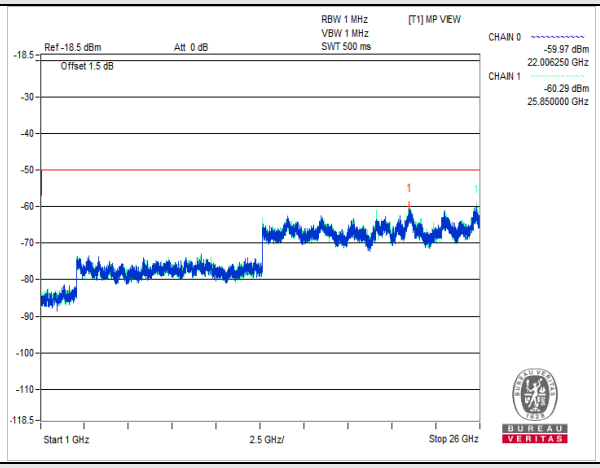




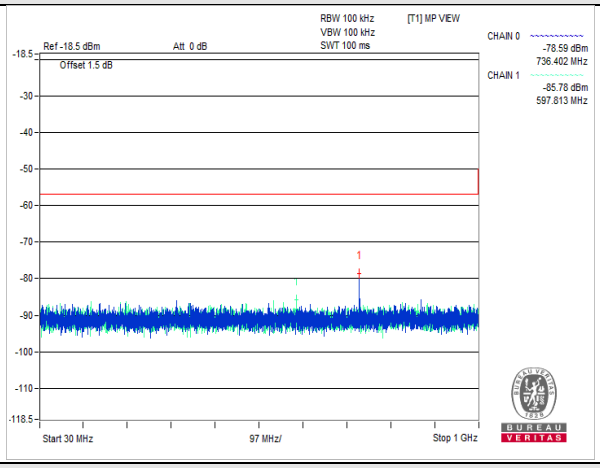
CH 118 (5590MHz)

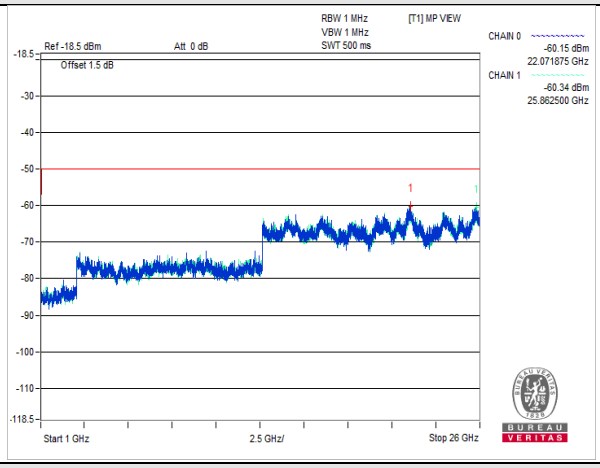
Vnormal



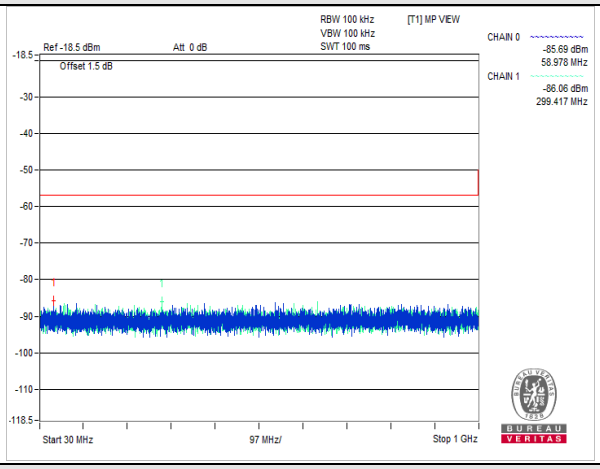


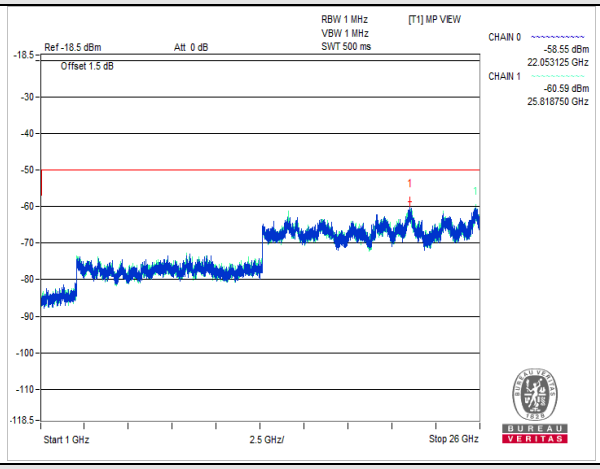
Vmax.





Vmin.





CH 142 (5710MHz)

Sum of each Chain

TEST CHANNEL		CH 38 (5190MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.004554	4	PASS
	1000.0 to 26000.0	1.821756	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004899	4	PASS
	1000.0 to 26000.0	2.148184	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005058	4	PASS
	1000.0 to 26000.0	1.911813	20	PASS
TEST CHANNEL		CH 46 (5230MHz)		
V_{normal}	30.0 to 1000.0	0.005106	4	PASS
	1000.0 to 26000.0	1.850154	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004898	4	PASS
	1000.0 to 26000.0	1.807304	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005668	4	PASS
	1000.0 to 26000.0	2.296039	20	PASS
TEST CHANNEL		CH 54 (5270MHz)		
V_{normal}	30.0 to 1000.0	0.005585	4	PASS
	1000.0 to 26000.0	1.909711	20	PASS
$V_{max.}$	30.0 to 1000.0	0.006745	4	PASS
	1000.0 to 26000.0	1.950310	20	PASS
$V_{min.}$	30.0 to 1000.0	0.019511	4	PASS
	1000.0 to 26000.0	1.641960	20	PASS
TEST CHANNEL		CH 62 (5310MHz)		
V_{normal}	30.0 to 1000.0	0.005144	4	PASS
	1000.0 to 26000.0	2.111943	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005077	4	PASS
	1000.0 to 26000.0	1.778335	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005420	4	PASS
	1000.0 to 26000.0	1.883223	20	PASS

TEST CHANNEL		CH 102 (5510MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.004986	4	PASS
	1000.0 to 26000.0	1.762098	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005620	4	PASS
	1000.0 to 26000.0	1.970576	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004963	4	PASS
	1000.0 to 26000.0	2.250737	20	PASS
TEST CHANNEL		CH 118 (5590MHz)		
V_{normal}	30.0 to 1000.0	0.011050	4	PASS
	1000.0 to 26000.0	2.067566	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004903	4	PASS
	1000.0 to 26000.0	2.305116	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004809	4	PASS
	1000.0 to 26000.0	2.118679	20	PASS
TEST CHANNEL		CH142 (5710MHz)		
V_{normal}	30.0 to 1000.0	0.005405	4	PASS
	1000.0 to 26000.0	1.942338	20	PASS
$V_{max.}$	30.0 to 1000.0	0.016478	4	PASS
	1000.0 to 26000.0	1.890749	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005175	4	PASS
	1000.0 to 26000.0	2.269339	20	PASS

802.11ac (VHT80)

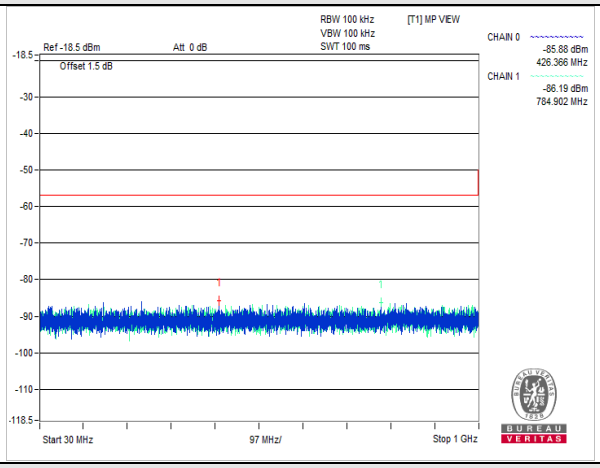
Chain A

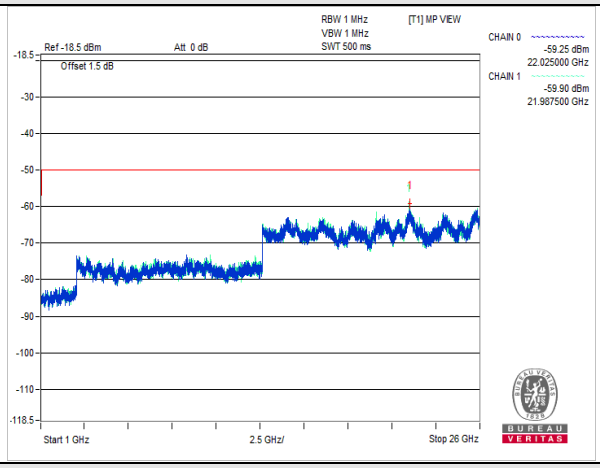
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	426.366	0.002582	2.0	PASS
	1000.0 to 26000.0	22025.000	1.188502	10.0	PASS
$V_{max.}$	30.0 to 1000.0	114.753	0.002742	2.0	PASS
	1000.0 to 26000.0	22096.875	0.928966	10.0	PASS
$V_{min.}$	30.0 to 1000.0	679.172	0.002716	2.0	PASS
	1000.0 to 26000.0	22065.625	1.069055	10.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	885.055	0.002339	2.0	PASS
	1000.0 to 26000.0	25853.125	0.893305	10.0	PASS
$V_{max.}$	30.0 to 1000.0	78.015	0.002559	2.0	PASS
	1000.0 to 26000.0	25753.125	0.944061	10.0	PASS
$V_{min.}$	30.0 to 1000.0	505.906	0.002410	2.0	PASS
	1000.0 to 26000.0	25843.750	0.924698	10.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	746.830	0.007129	2.0	PASS
	1000.0 to 26000.0	25821.875	1.025652	10.0	PASS
$V_{max.}$	30.0 to 1000.0	385.505	0.002472	2.0	PASS
	1000.0 to 26000.0	25896.875	1.129796	10.0	PASS
$V_{min.}$	30.0 to 1000.0	730.218	0.028973	2.0	PASS
	1000.0 to 26000.0	25678.125	0.950605	10.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	297.841	0.002518	2.0	PASS
	1000.0 to 26000.0	25843.750	0.920450	10.0	PASS
$V_{max.}$	30.0 to 1000.0	204.963	0.002432	2.0	PASS
	1000.0 to 26000.0	22071.875	1.086426	10.0	PASS
$V_{min.}$	30.0 to 1000.0	355.435	0.002239	2.0	PASS
	1000.0 to 26000.0	22059.375	0.979490	10.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	984.237	0.002636	2.0	PASS
	1000.0 to 26000.0	25834.375	1.009253	10.0	PASS
$V_{max.}$	30.0 to 1000.0	363.195	0.002449	2.0	PASS
	1000.0 to 26000.0	21981.250	1.028016	10.0	PASS
$V_{min.}$	30.0 to 1000.0	148.582	0.002410	2.0	PASS
	1000.0 to 26000.0	22109.375	1.016249	10.0	PASS

Chain B

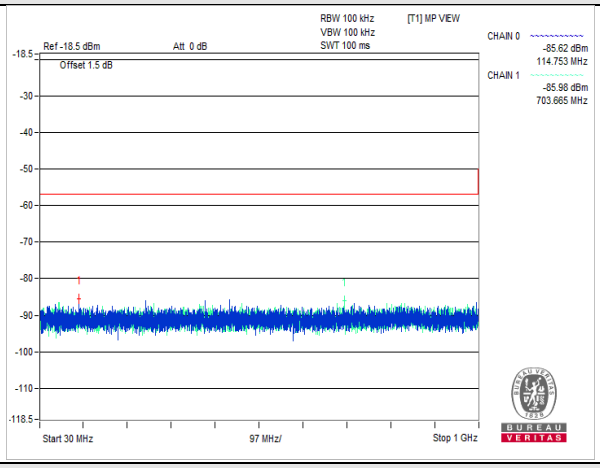
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	784.902	0.002404	2.0	PASS
	1000.0 to 26000.0	21987.500	1.023293	10.0	PASS
$V_{max.}$	30.0 to 1000.0	703.665	0.002523	2.0	PASS
	1000.0 to 26000.0	22100.000	0.914113	10.0	PASS
$V_{min.}$	30.0 to 1000.0	628.126	0.002523	2.0	PASS
	1000.0 to 26000.0	21981.250	1.044720	10.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	144.096	0.002438	2.0	PASS
	1000.0 to 26000.0	22162.500	1.006932	10.0	PASS
$V_{max.}$	30.0 to 1000.0	971.142	0.002371	2.0	PASS
	1000.0 to 26000.0	22103.125	0.970510	10.0	PASS
$V_{min.}$	30.0 to 1000.0	891.481	0.002858	2.0	PASS
	1000.0 to 26000.0	22128.125	0.977237	10.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	129.061	0.002291	2.0	PASS
	1000.0 to 26000.0	25762.500	0.877001	10.0	PASS
$V_{max.}$	30.0 to 1000.0	428.427	0.002249	2.0	PASS
	1000.0 to 26000.0	22028.125	1.180321	10.0	PASS
$V_{min.}$	30.0 to 1000.0	914.155	0.002307	2.0	PASS
	1000.0 to 26000.0	25912.500	0.831764	10.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	100.810	0.002864	2.0	PASS
	1000.0 to 26000.0	25862.500	1.315225	10.0	PASS
$V_{max.}$	30.0 to 1000.0	518.031	0.002600	2.0	PASS
	1000.0 to 26000.0	22090.625	1.059254	10.0	PASS
$V_{min.}$	30.0 to 1000.0	827.946	0.002333	2.0	PASS
	1000.0 to 26000.0	22046.875	1.006932	10.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	107.600	0.002449	2.0	PASS
	1000.0 to 26000.0	22118.750	1.116863	10.0	PASS
$V_{max.}$	30.0 to 1000.0	993.088	0.002312	2.0	PASS
	1000.0 to 26000.0	25784.375	1.009253	10.0	PASS
$V_{min.}$	30.0 to 1000.0	943.982	0.002972	2.0	PASS
	1000.0 to 26000.0	25843.750	0.912011	10.0	PASS

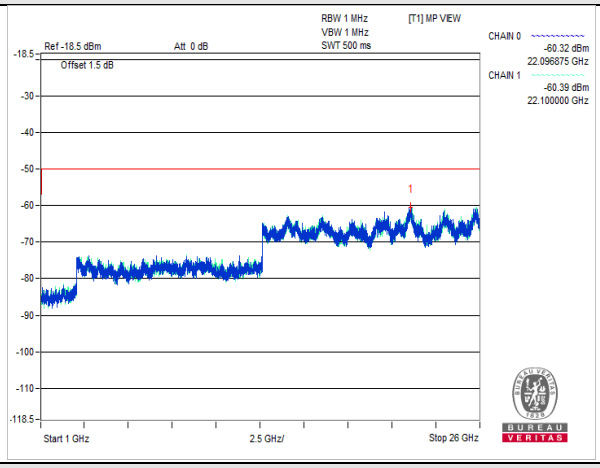
Vnormal



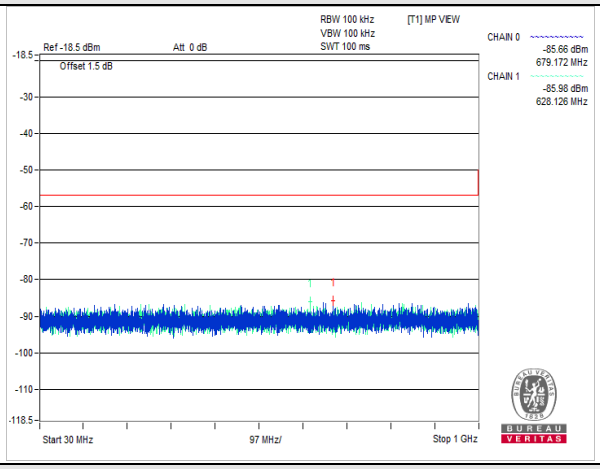


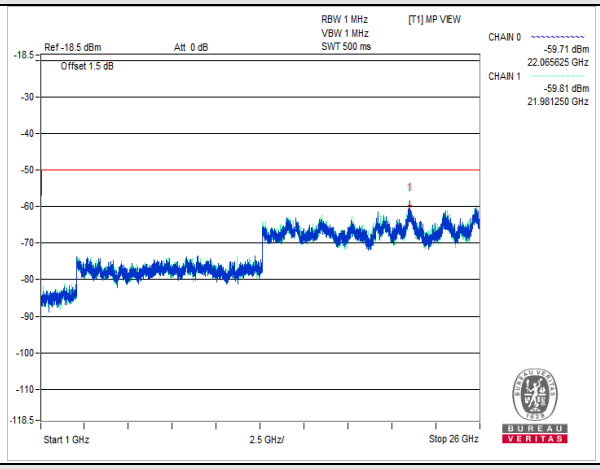
Vmax.





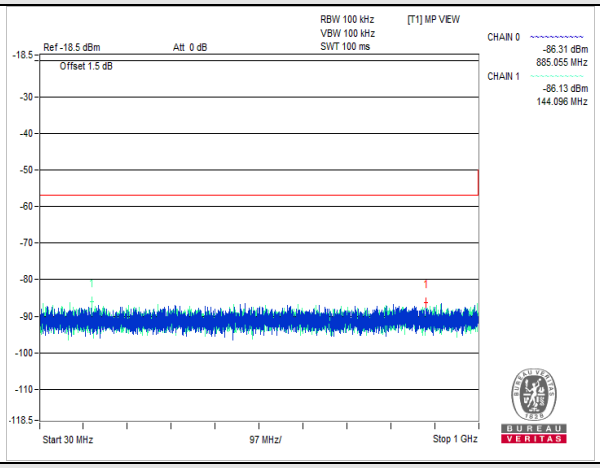
Vmin.

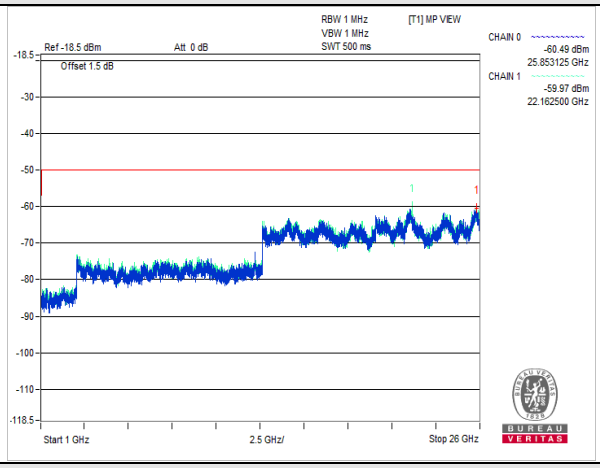




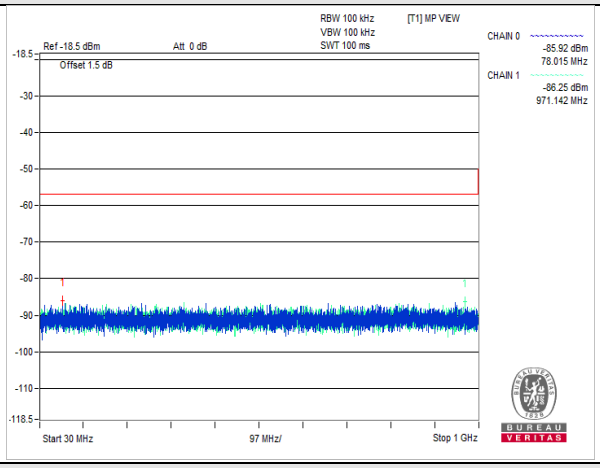
CH 42 (5210MHz)

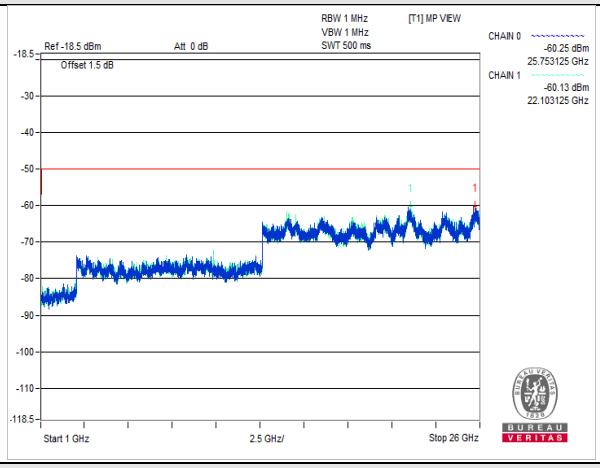
Vnormal



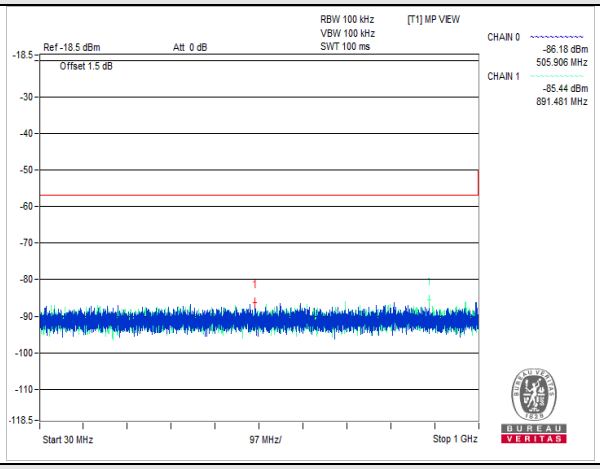


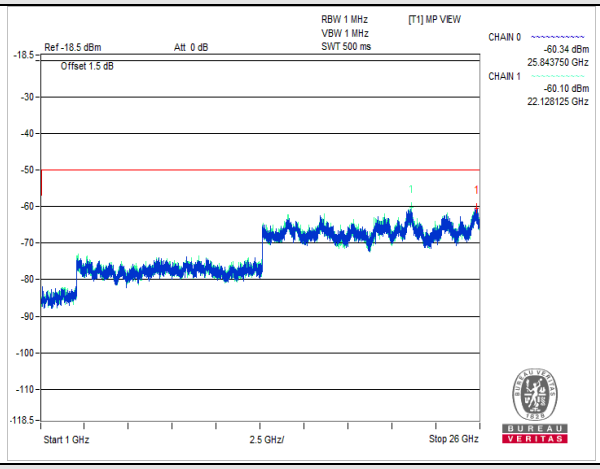
Vmax.





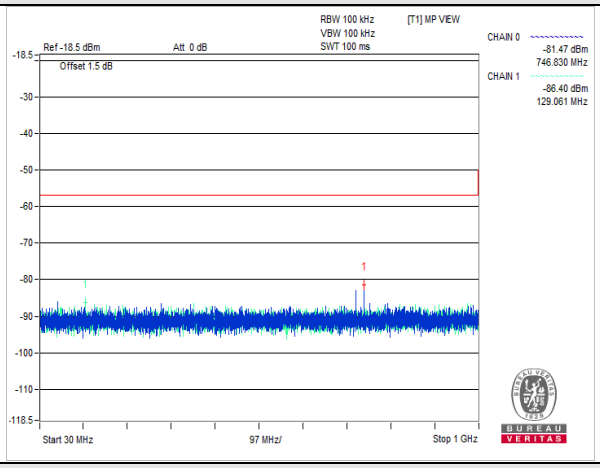
Vmin.

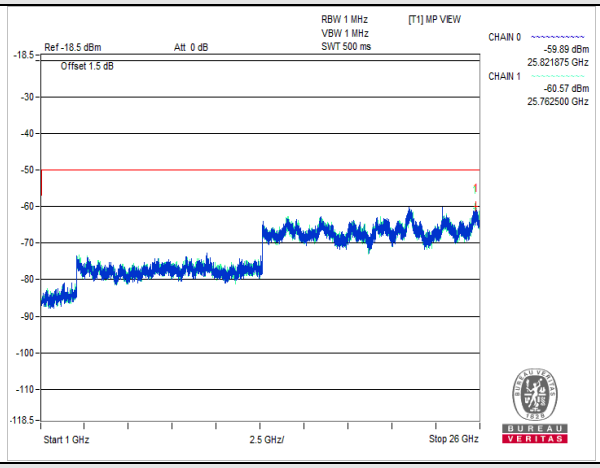




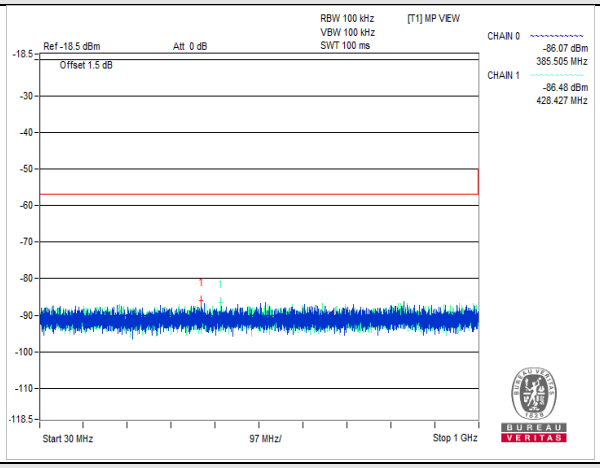
CH 58 (5290MHz)

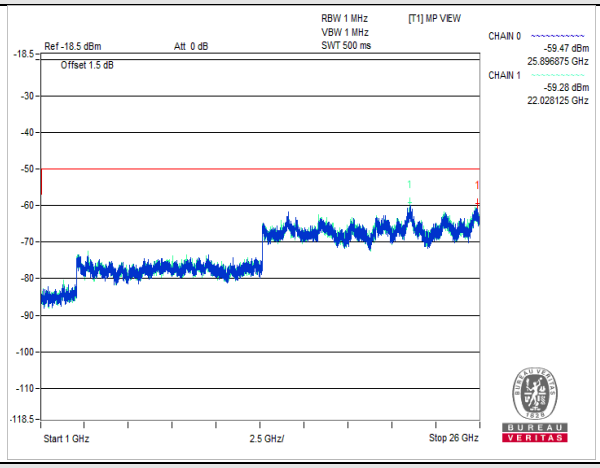
Vnormal



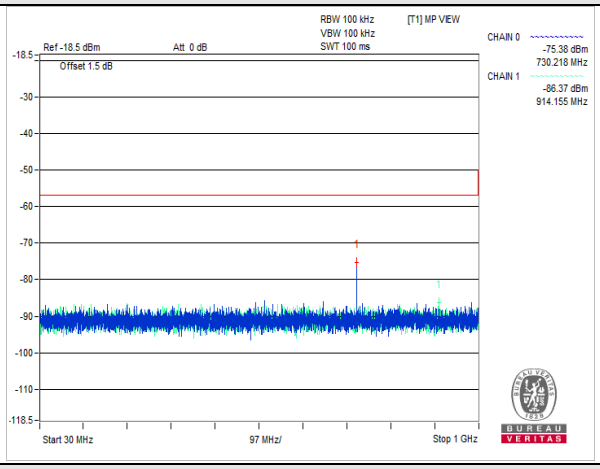


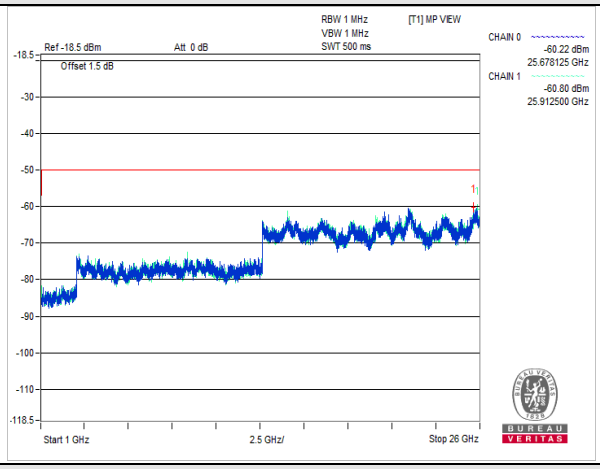
Vmax.





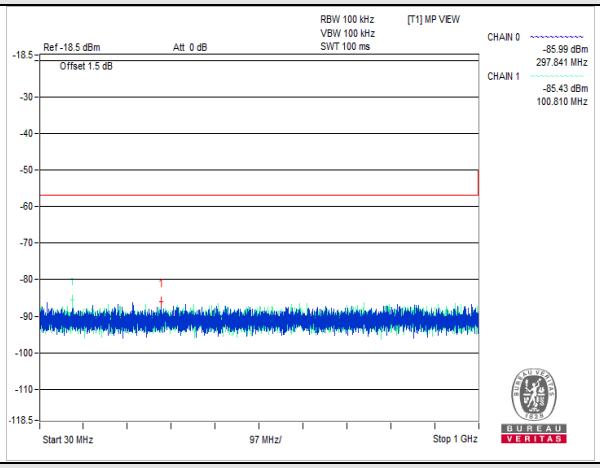
Vmin.

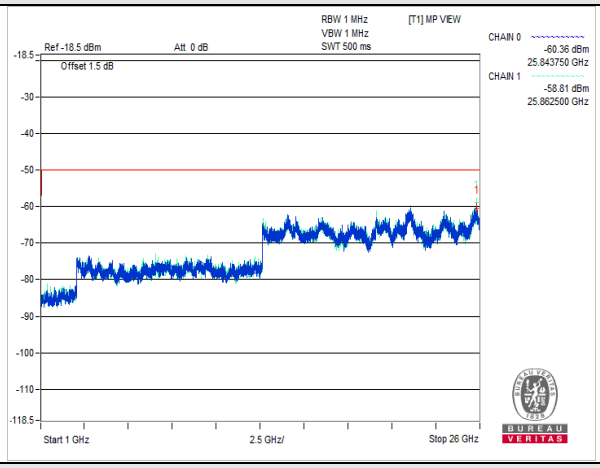




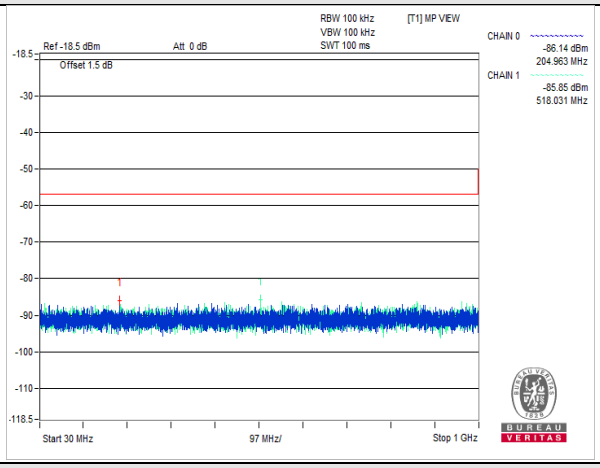
CH 106 (5530MHz)

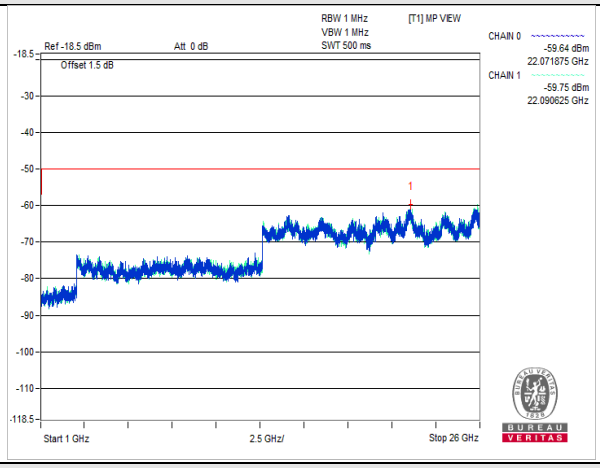
Vnormal



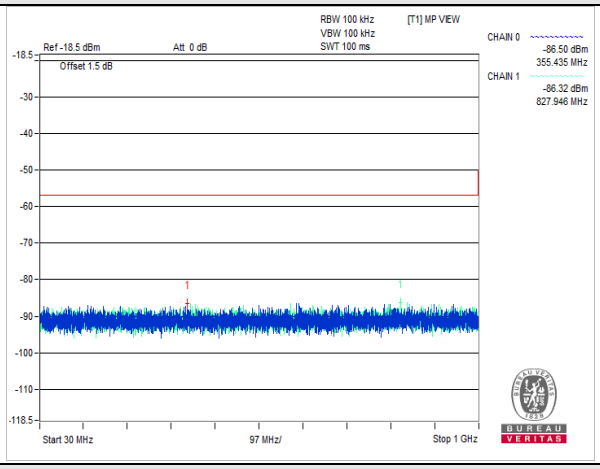


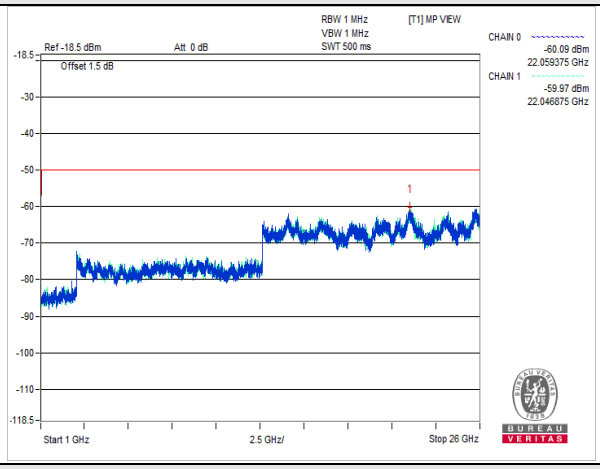
Vmax.





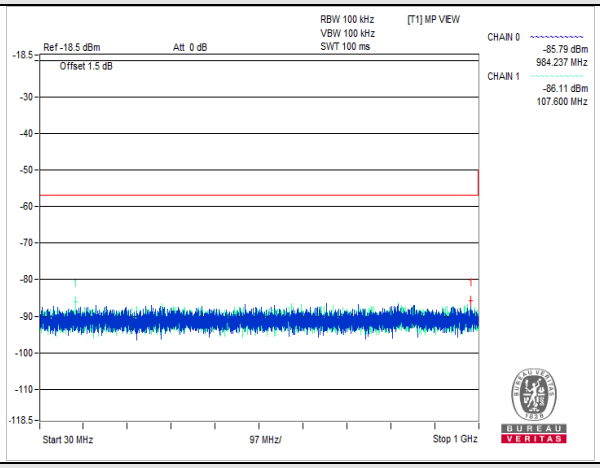
Vmin.

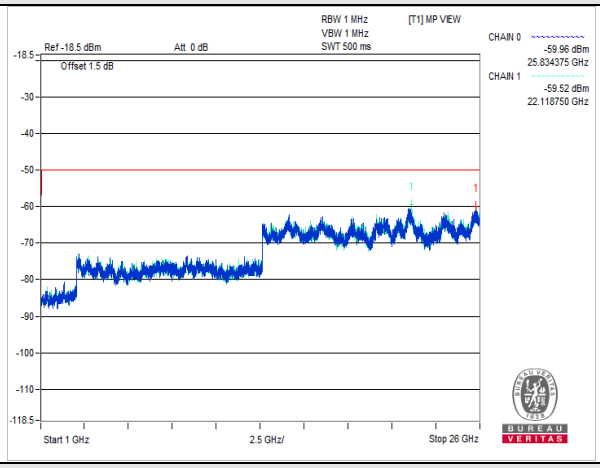




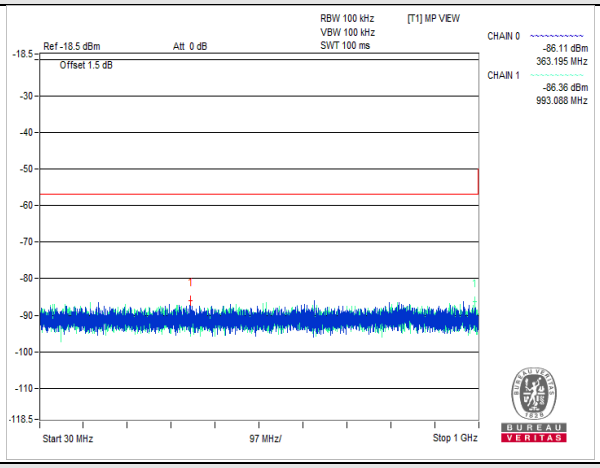
CH 122 (5610MHz)

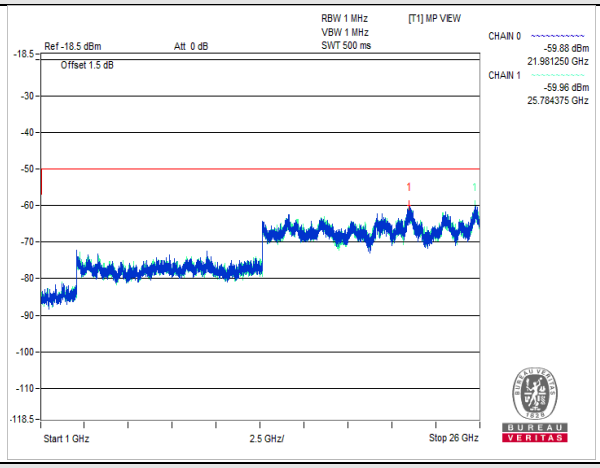
Vnormal



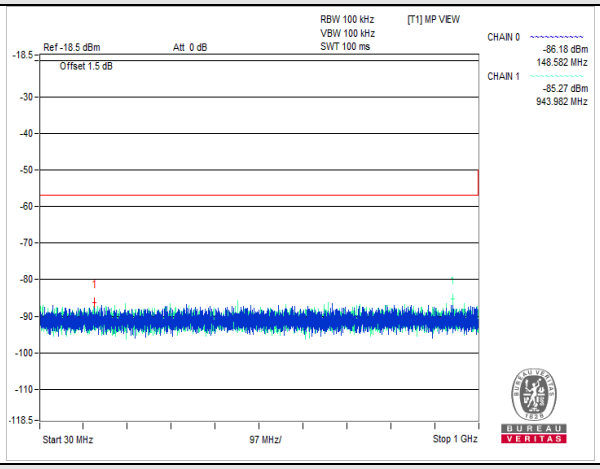


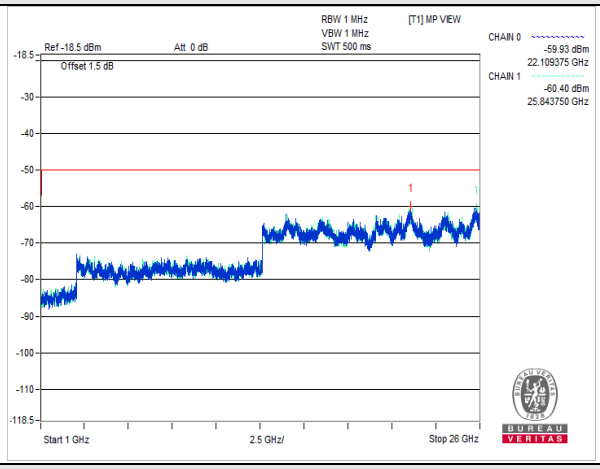
Vmax.





Vmin.





CH 138 (5690MHz)

Sum of each Chain

TEST CHANNEL		CH 42 (5210MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.004986	4	PASS
	1000.0 to 26000.0	2.211795	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005265	4	PASS
	1000.0 to 26000.0	1.843079	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005239	4	PASS
	1000.0 to 26000.0	2.113775	20	PASS
TEST CHANNEL		CH 58 (5290MHz)		
V_{normal}	30.0 to 1000.0	0.004777	4	PASS
	1000.0 to 26000.0	1.900237	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004930	4	PASS
	1000.0 to 26000.0	1.914571	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005268	4	PASS
	1000.0 to 26000.0	1.901935	20	PASS
TEST CHANNEL		CH 106 (5530MHz)		
V_{normal}	30.0 to 1000.0	0.009420	4	PASS
	1000.0 to 26000.0	1.902653	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004721	4	PASS
	1000.0 to 26000.0	2.310117	20	PASS
$V_{min.}$	30.0 to 1000.0	0.031280	4	PASS
	1000.0 to 26000.0	1.782369	20	PASS
TEST CHANNEL		CH 122 (5610MHz)		
V_{normal}	30.0 to 1000.0	0.005382	4	PASS
	1000.0 to 26000.0	2.235675	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005032	4	PASS
	1000.0 to 26000.0	2.145680	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004572	4	PASS
	1000.0 to 26000.0	1.986422	20	PASS
TEST CHANNEL		CH 138 (5690MHz)		
V_{normal}	30.0 to 1000.0	0.005085	4	PASS
	1000.0 to 26000.0	2.126116	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004761	4	PASS
	1000.0 to 26000.0	2.037269	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005382	4	PASS
	1000.0 to 26000.0	1.928260	20	PASS

802.11ac (VHT160)

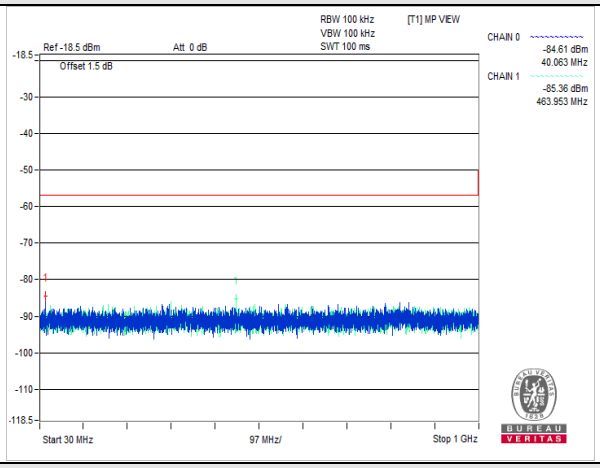
Chain A

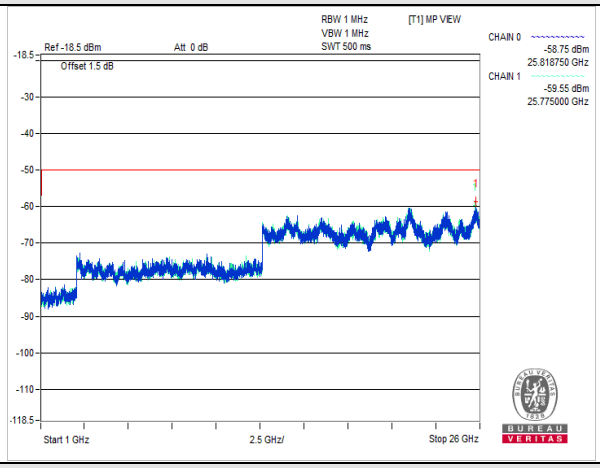
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	40.063	0.003459	2.0	PASS
	1000.0 to 26000.0	25818.750	1.333521	10.0	PASS
$V_{max.}$	30.0 to 1000.0	994.665	0.003034	2.0	PASS
	1000.0 to 26000.0	25862.500	1.148154	10.0	PASS
$V_{min.}$	30.0 to 1000.0	592.478	0.002780	2.0	PASS
	1000.0 to 26000.0	22015.625	1.135011	10.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	32.425	0.002825	2.0	PASS
	1000.0 to 26000.0	22009.375	0.946237	10.0	PASS
$V_{max.}$	30.0 to 1000.0	101.173	0.002410	2.0	PASS
	1000.0 to 26000.0	22090.625	1.216186	10.0	PASS
$V_{min.}$	30.0 to 1000.0	452.435	0.002483	2.0	PASS
	1000.0 to 26000.0	25840.625	0.984011	10.0	PASS

Chain B

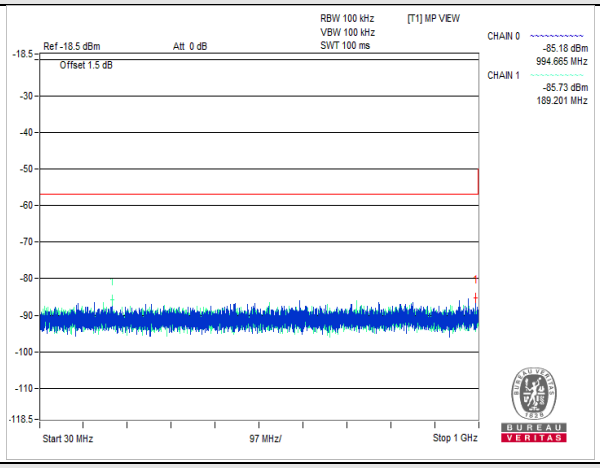
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	463.953	0.002911	2.0	PASS
	1000.0 to 26000.0	25775.000	1.109175	10.0	PASS
$V_{max.}$	30.0 to 1000.0	189.201	0.002673	2.0	PASS
	1000.0 to 26000.0	25846.875	0.933254	10.0	PASS
$V_{min.}$	30.0 to 1000.0	310.087	0.002377	2.0	PASS
	1000.0 to 26000.0	22109.375	0.909913	10.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	595.388	0.002344	2.0	PASS
	1000.0 to 26000.0	22003.125	0.977237	10.0	PASS
$V_{max.}$	30.0 to 1000.0	96.323	0.002377	2.0	PASS
	1000.0 to 26000.0	25790.625	0.922571	10.0	PASS
$V_{min.}$	30.0 to 1000.0	351.676	0.002529	2.0	PASS
	1000.0 to 26000.0	25853.125	0.979490	10.0	PASS

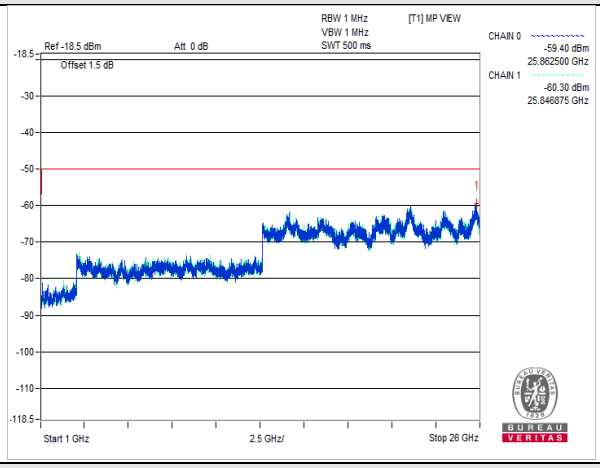
Vnormal



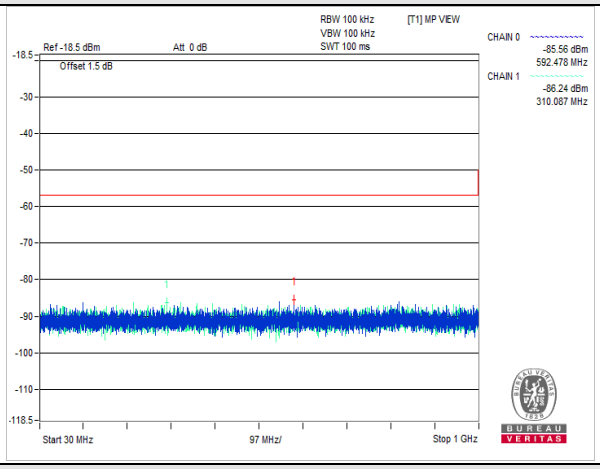


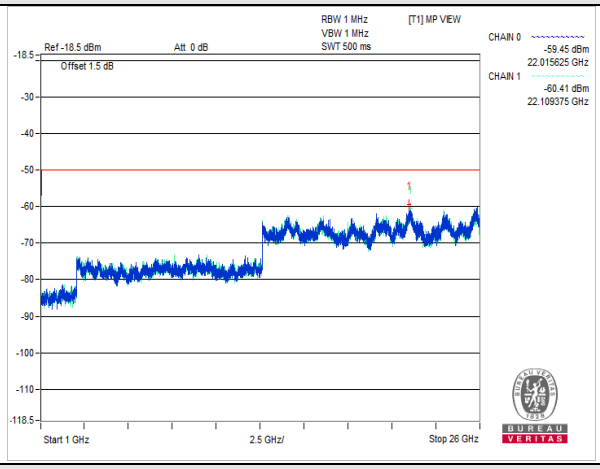
Vmax.





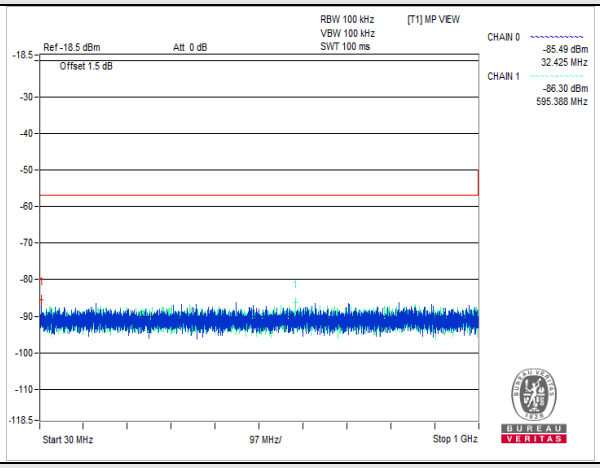
Vmin.

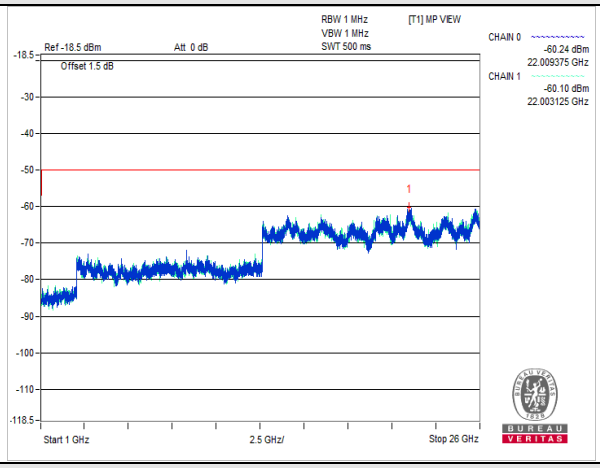




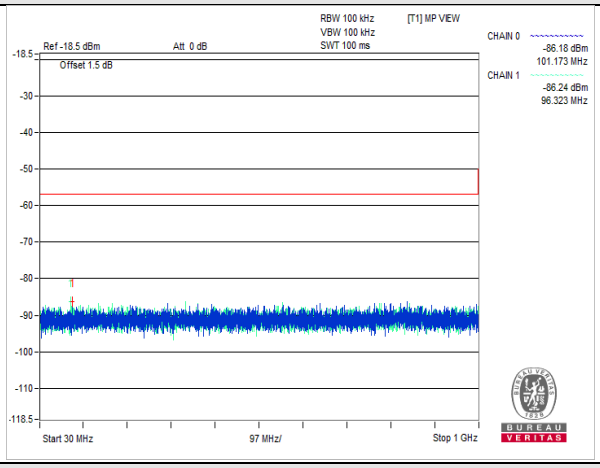
CH 50 (5250MHz)

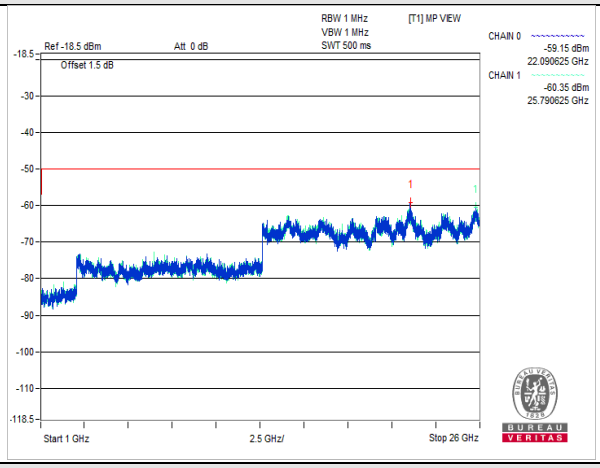
Vnormal



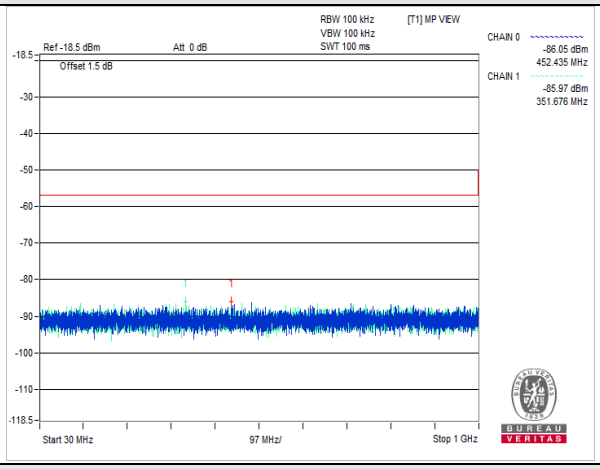


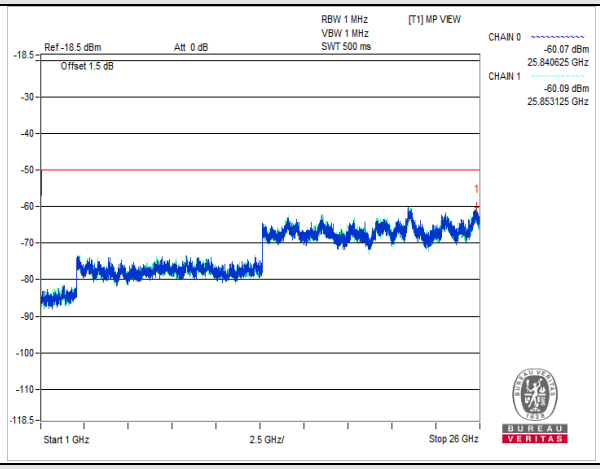
Vmax.





Vmin.





CH 114 (5570MHz)

Sum of each Chain

TEST CHANNEL		CH 50 (5250MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.006370	4	PASS
	1000.0 to 26000.0	2.442696	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005707	4	PASS
	1000.0 to 26000.0	2.081408	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005157	4	PASS
	1000.0 to 26000.0	2.044924	20	PASS
TEST CHANNEL		CH 114 (5570MHz)		
V_{normal}	30.0 to 1000.0	0.005169	4	PASS
	1000.0 to 26000.0	1.923474	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004787	4	PASS
	1000.0 to 26000.0	2.138757	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005012	4	PASS
	1000.0 to 26000.0	1.963501	20	PASS

802.11ax (HE20)

Chain A

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	843.466	0.003273	2.0	PASS
	1000.0 to 26000.0	25906.250	1.009253	10.0	PASS
$V_{max.}$	30.0 to 1000.0	249.341	0.002388	2.0	PASS
	1000.0 to 26000.0	22021.875	1.261828	10.0	PASS
$V_{min.}$	30.0 to 1000.0	521.668	0.002438	2.0	PASS
	1000.0 to 26000.0	25884.375	1.109175	10.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	731.188	0.002704	2.0	PASS
	1000.0 to 26000.0	25765.625	1.104079	10.0	PASS
$V_{max.}$	30.0 to 1000.0	539.250	0.003199	2.0	PASS
	1000.0 to 26000.0	21956.250	1.086426	10.0	PASS
$V_{min.}$	30.0 to 1000.0	683.901	0.003097	2.0	PASS
	1000.0 to 26000.0	22040.625	1.078947	10.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	627.883	0.002799	2.0	PASS
	1000.0 to 26000.0	22106.250	1.247384	10.0	PASS
$V_{max.}$	30.0 to 1000.0	910.032	0.002559	2.0	PASS
	1000.0 to 26000.0	22012.500	0.988553	10.0	PASS
$V_{min.}$	30.0 to 1000.0	806.242	0.003041	2.0	PASS
	1000.0 to 26000.0	22062.500	0.997700	10.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	40.791	0.002570	2.0	PASS
	1000.0 to 26000.0	25828.125	1.119438	10.0	PASS
$V_{max.}$	30.0 to 1000.0	824.066	0.002432	2.0	PASS
	1000.0 to 26000.0	25684.375	1.073989	10.0	PASS
$V_{min.}$	30.0 to 1000.0	368.166	0.003784	2.0	PASS
	1000.0 to 26000.0	25843.750	1.158777	10.0	PASS

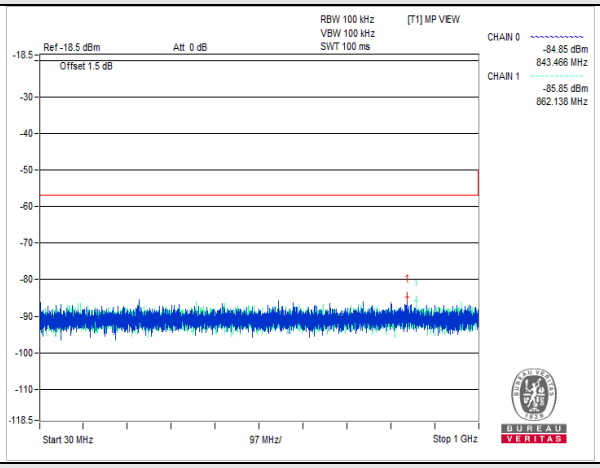
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	929.796	0.002472	2.0	PASS
	1000.0 to 26000.0	22071.875	0.944061	10.0	PASS
$V_{max.}$	30.0 to 1000.0	311.906	0.002466	2.0	PASS
	1000.0 to 26000.0	25790.625	1.076465	10.0	PASS
$V_{min.}$	30.0 to 1000.0	275.046	0.003020	2.0	PASS
	1000.0 to 26000.0	25846.875	0.995405	10.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	485.415	0.002449	2.0	PASS
	1000.0 to 26000.0	22021.875	1.517050	10.0	PASS
$V_{max.}$	30.0 to 1000.0	451.950	0.002897	2.0	PASS
	1000.0 to 26000.0	22162.500	0.974990	10.0	PASS
$V_{min.}$	30.0 to 1000.0	359.315	0.002588	2.0	PASS
	1000.0 to 26000.0	25837.500	1.061696	10.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	811.698	0.002825	2.0	PASS
	1000.0 to 26000.0	25818.750	1.081434	10.0	PASS
$V_{max.}$	30.0 to 1000.0	505.785	0.002805	2.0	PASS
	1000.0 to 26000.0	25706.250	1.145513	10.0	PASS
$V_{min.}$	30.0 to 1000.0	372.410	0.002799	2.0	PASS
	1000.0 to 26000.0	25809.375	1.071519	10.0	PASS

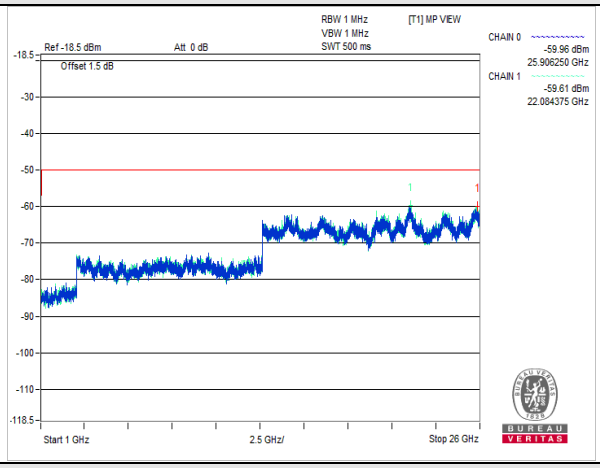
Chain B

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	862.138	0.002600	2.0	PASS
	1000.0 to 26000.0	22084.375	1.093956	10.0	PASS
$V_{max.}$	30.0 to 1000.0	746.830	0.005248	2.0	PASS
	1000.0 to 26000.0	25821.875	1.109175	10.0	PASS
$V_{min.}$	30.0 to 1000.0	864.442	0.002399	2.0	PASS
	1000.0 to 26000.0	22075.000	1.425608	10.0	PASS
TEST CHANNEL		CH 48 (5240MHz)			
V_{normal}	30.0 to 1000.0	746.587	0.003155	2.0	PASS
	1000.0 to 26000.0	25840.625	1.207814	10.0	PASS
$V_{max.}$	30.0 to 1000.0	778.718	0.002371	2.0	PASS
	1000.0 to 26000.0	25840.625	1.101539	10.0	PASS
$V_{min.}$	30.0 to 1000.0	729.491	0.008035	2.0	PASS
	1000.0 to 26000.0	25846.875	0.993116	10.0	PASS
TEST CHANNEL		CH 52 (5260MHz)			
V_{normal}	30.0 to 1000.0	810.607	0.002761	2.0	PASS
	1000.0 to 26000.0	22146.875	1.018591	10.0	PASS
$V_{max.}$	30.0 to 1000.0	736.523	0.002965	2.0	PASS
	1000.0 to 26000.0	21993.750	1.023293	10.0	PASS
$V_{min.}$	30.0 to 1000.0	937.071	0.002761	2.0	PASS
	1000.0 to 26000.0	25840.625	1.114295	10.0	PASS
TEST CHANNEL		CH 64 (5320MHz)			
V_{normal}	30.0 to 1000.0	822.975	0.002858	2.0	PASS
	1000.0 to 26000.0	25796.875	1.044720	10.0	PASS
$V_{max.}$	30.0 to 1000.0	119.361	0.002377	2.0	PASS
	1000.0 to 26000.0	25800.000	1.135011	10.0	PASS
$V_{min.}$	30.0 to 1000.0	230.062	0.003228	2.0	PASS
	1000.0 to 26000.0	22009.375	1.156112	10.0	PASS

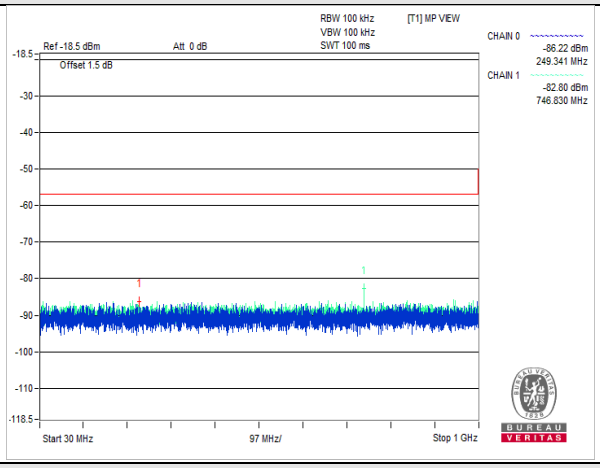
TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	821.035	0.002793	2.0	PASS
	1000.0 to 26000.0	25812.500	0.974990	10.0	PASS
$V_{max.}$	30.0 to 1000.0	908.335	0.002312	2.0	PASS
	1000.0 to 26000.0	25921.875	1.064143	10.0	PASS
$V_{min.}$	30.0 to 1000.0	803.453	0.004797	2.0	PASS
	1000.0 to 26000.0	22106.250	1.002305	10.0	PASS
TEST CHANNEL		CH 120 (5600MHz)			
V_{normal}	30.0 to 1000.0	431.580	0.002432	2.0	PASS
	1000.0 to 26000.0	25859.375	0.979490	10.0	PASS
$V_{max.}$	30.0 to 1000.0	973.567	0.002838	2.0	PASS
	1000.0 to 26000.0	25765.625	1.096478	10.0	PASS
$V_{min.}$	30.0 to 1000.0	729.370	0.004721	2.0	PASS
	1000.0 to 26000.0	25875.000	1.377209	10.0	PASS
TEST CHANNEL		CH 144 (5720MHz)			
V_{normal}	30.0 to 1000.0	737.008	0.004677	2.0	PASS
	1000.0 to 26000.0	25768.750	1.018591	10.0	PASS
$V_{max.}$	30.0 to 1000.0	736.281	0.002818	2.0	PASS
	1000.0 to 26000.0	25868.750	0.950605	10.0	PASS
$V_{min.}$	30.0 to 1000.0	745.132	0.006081	2.0	PASS
	1000.0 to 26000.0	22021.875	1.066596	10.0	PASS

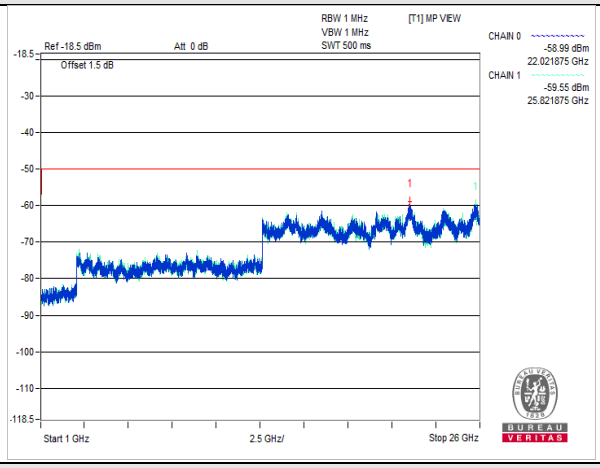
Vnormal



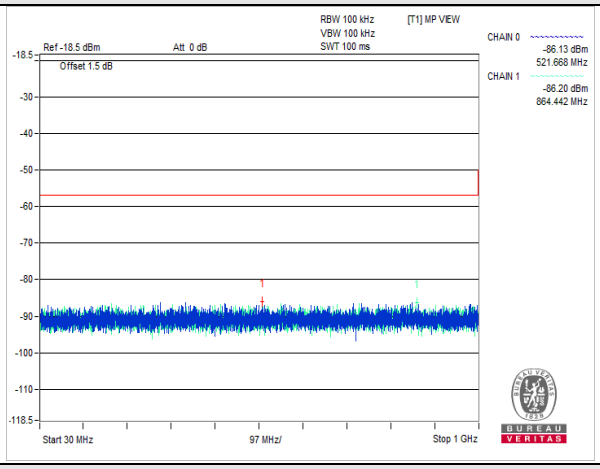


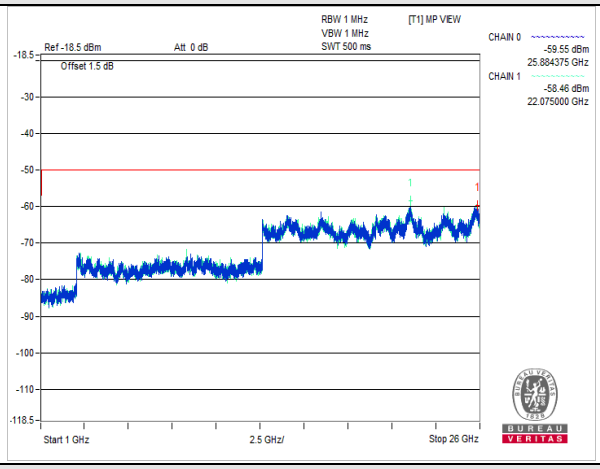
Vmax.





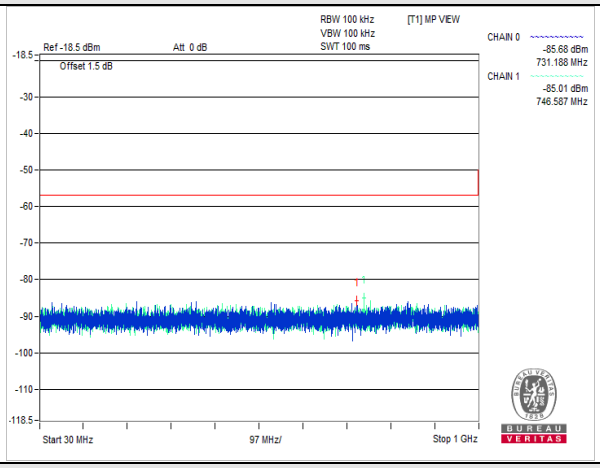
Vmin.

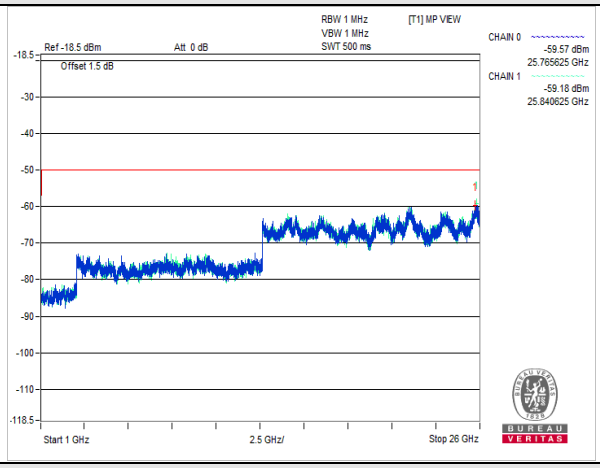




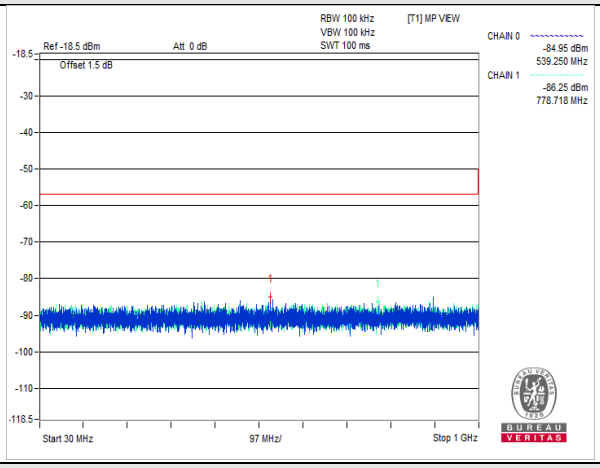
CH 36 (5180MHz)

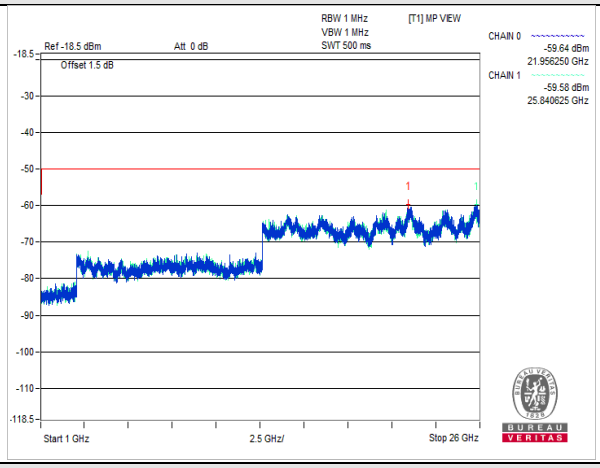
Vnormal



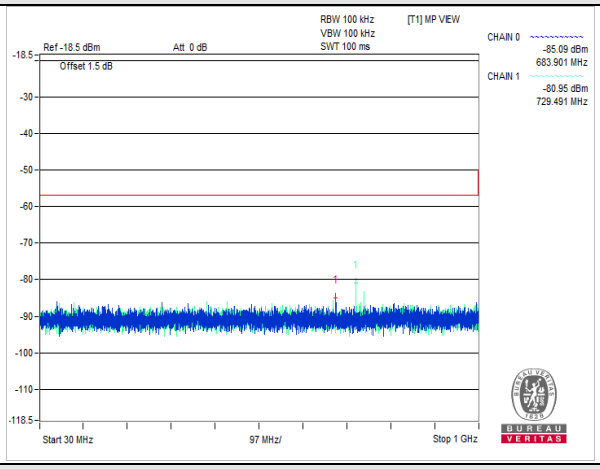


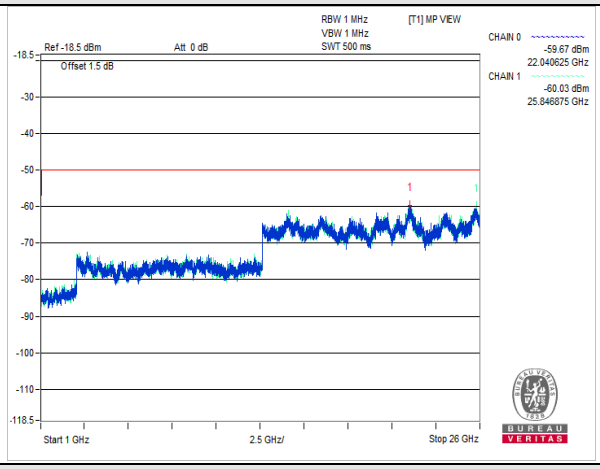
Vmax.





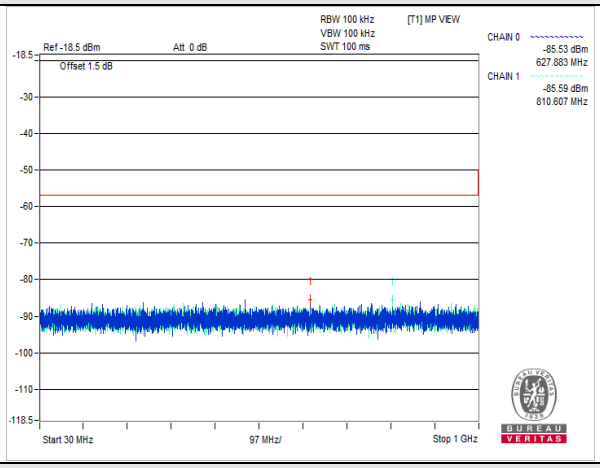
Vmin.

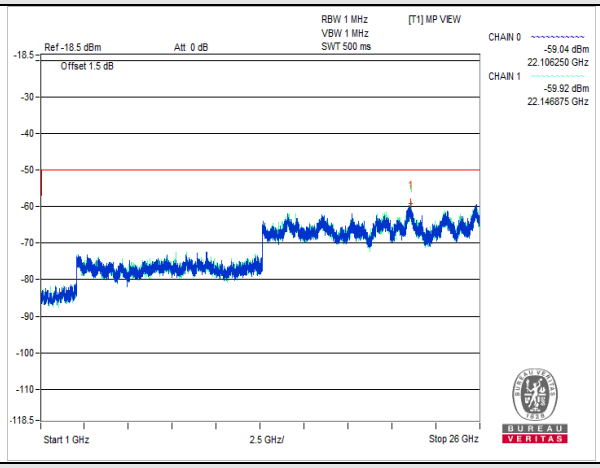




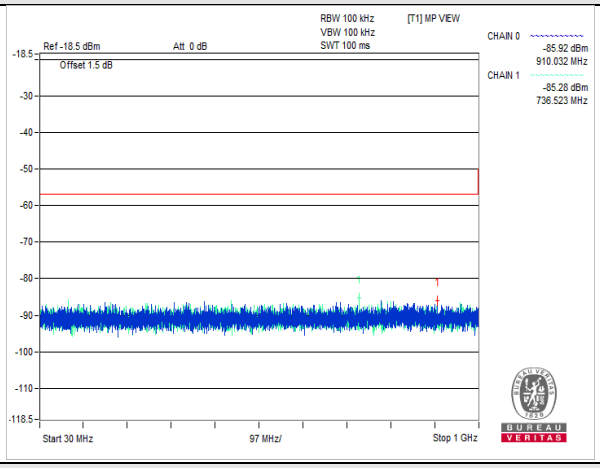
CH 48 (5240MHz)

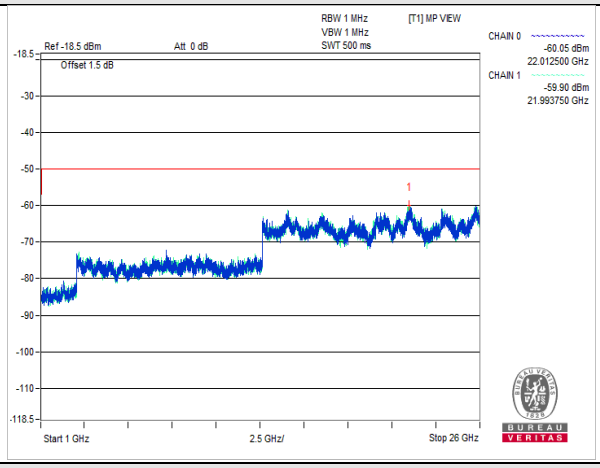
Vnormal



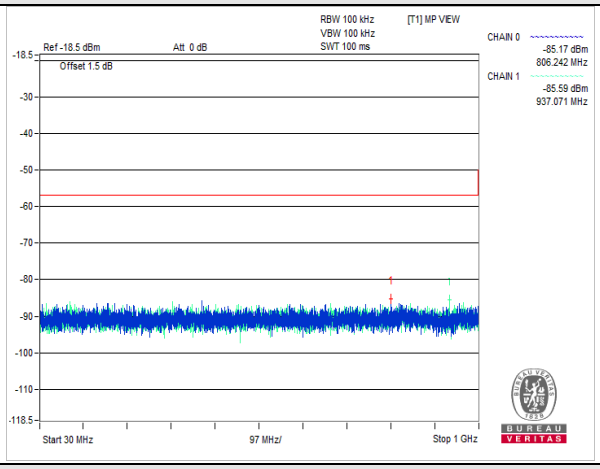


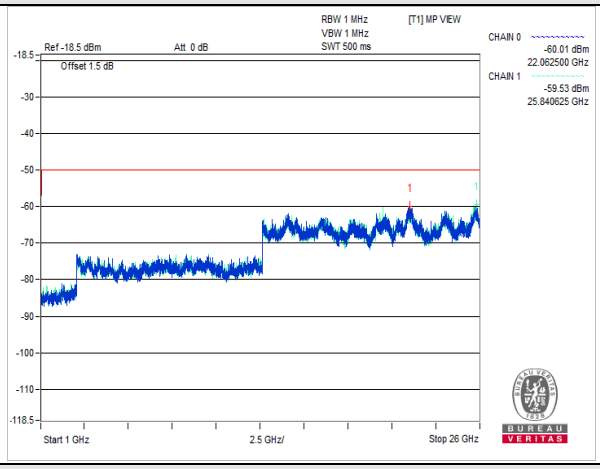
Vmax.





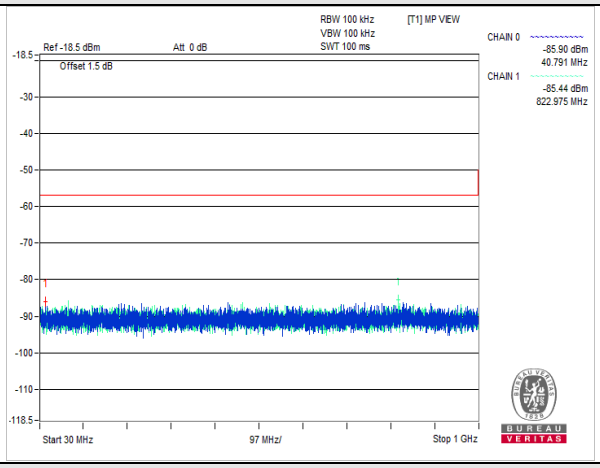
Vmin.

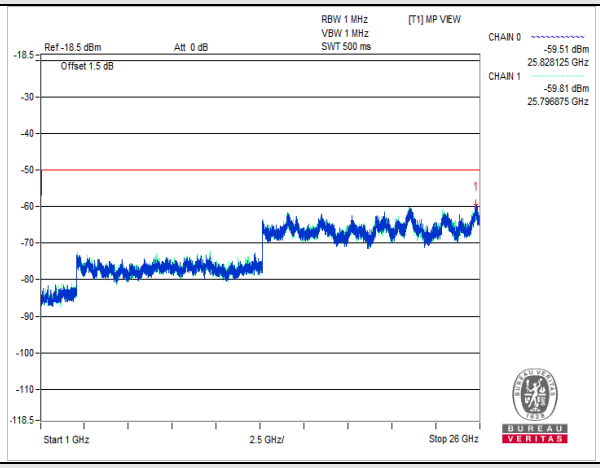




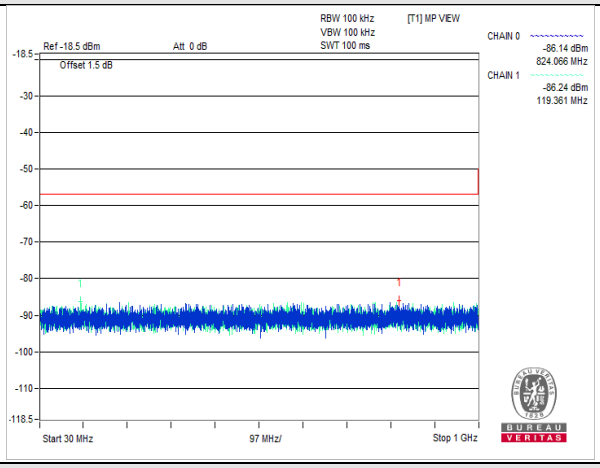
CH 52 (5260MHz)

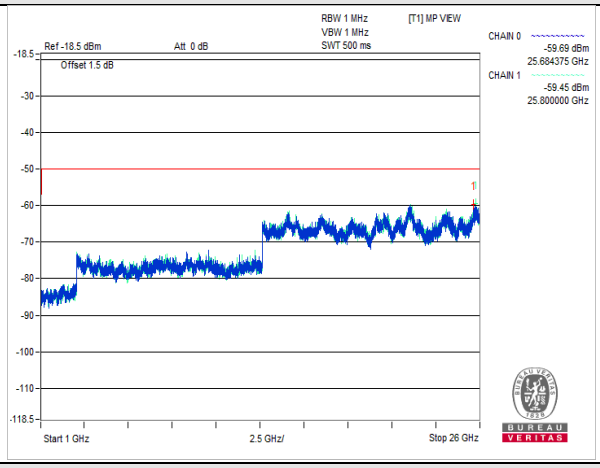
Vnormal



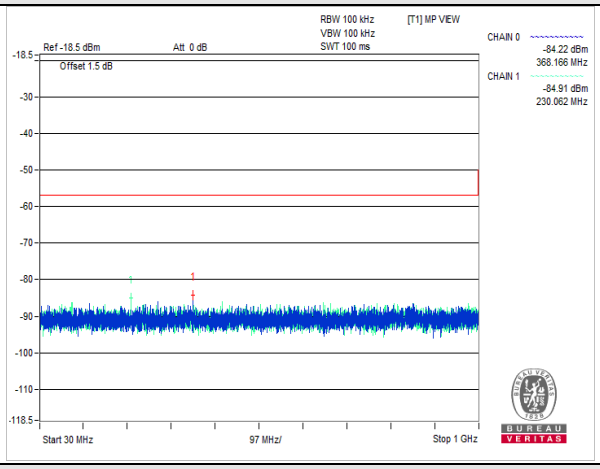


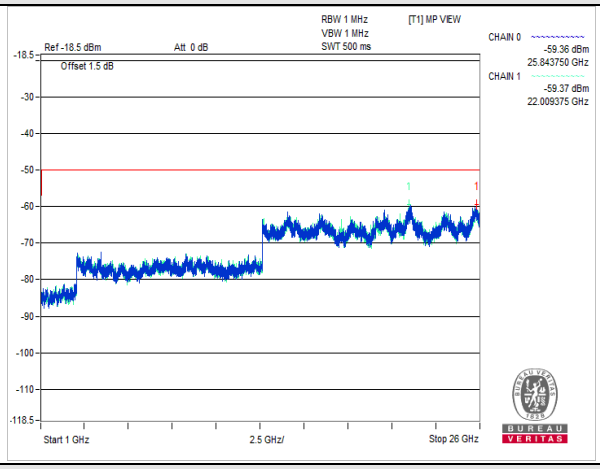
Vmax.





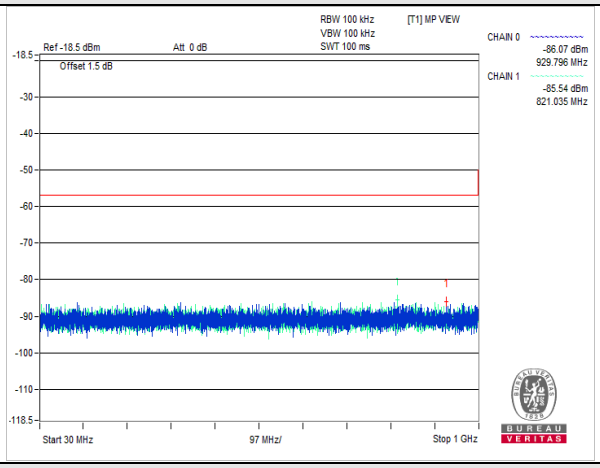
Vmin.

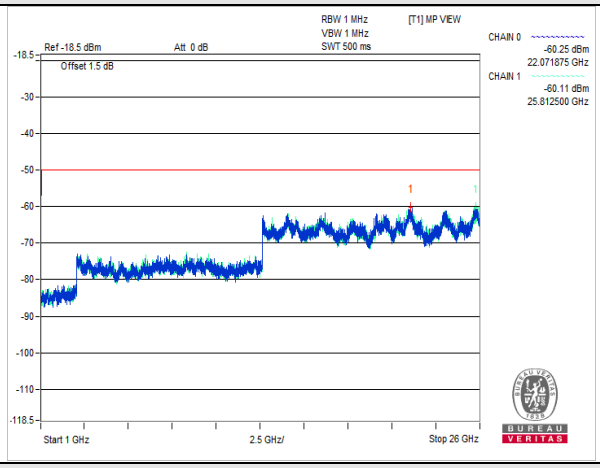




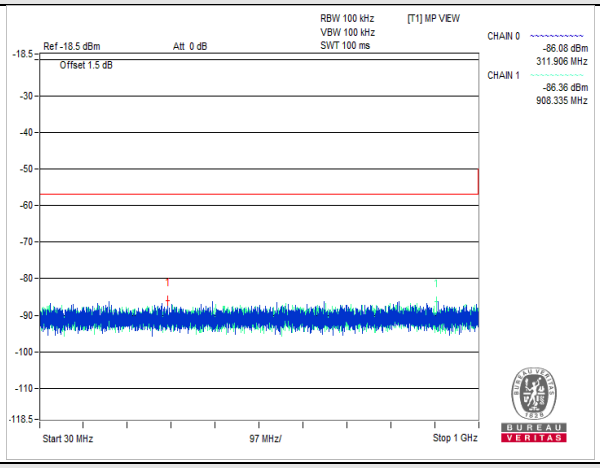
CH 64 (5320MHz)

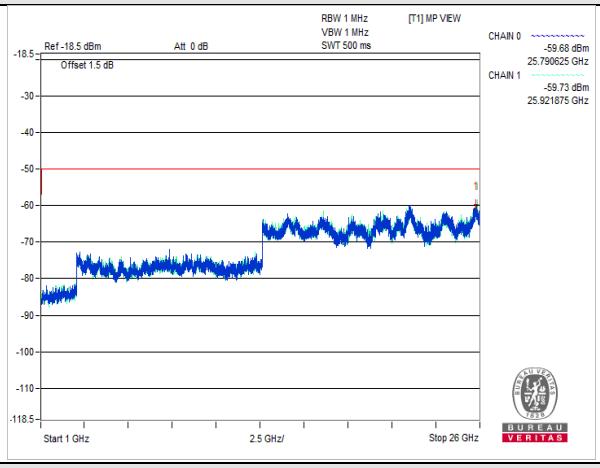
Vnormal



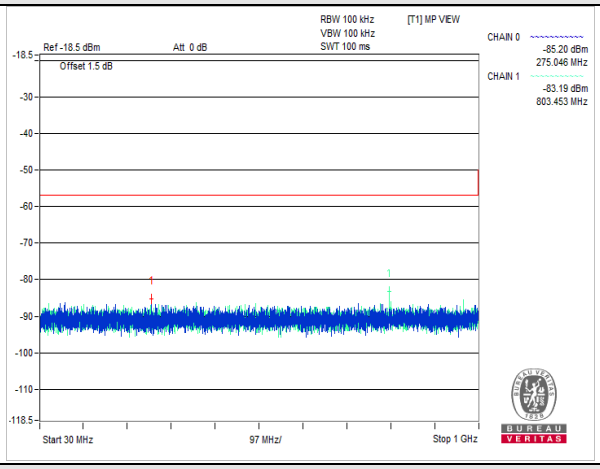


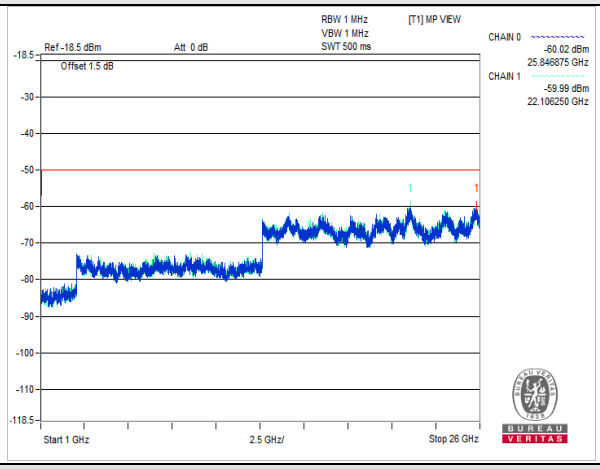
Vmax.





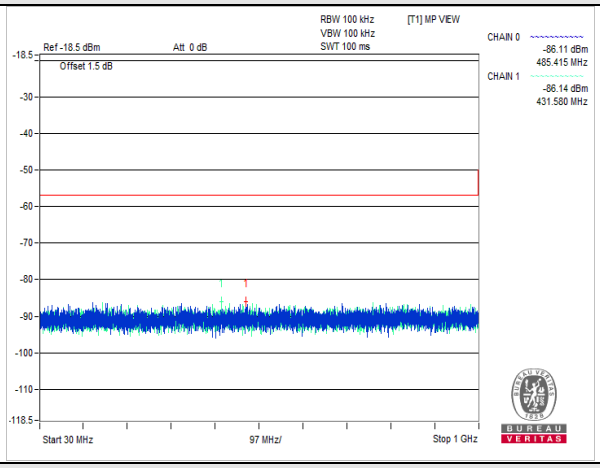
Vmin.

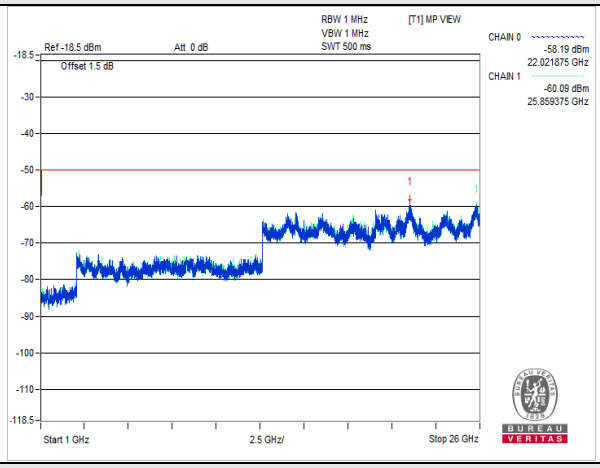




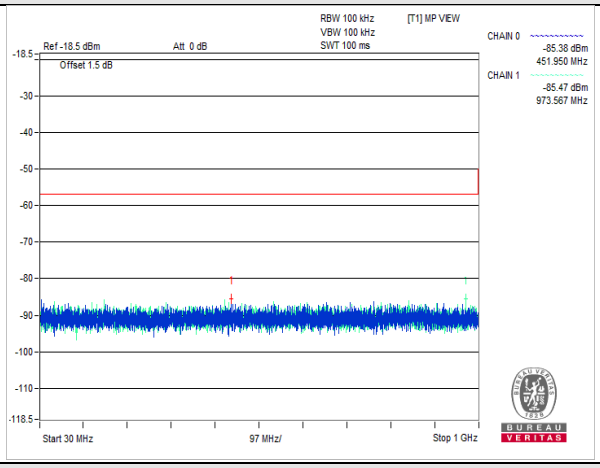
CH 100 (5500MHz)

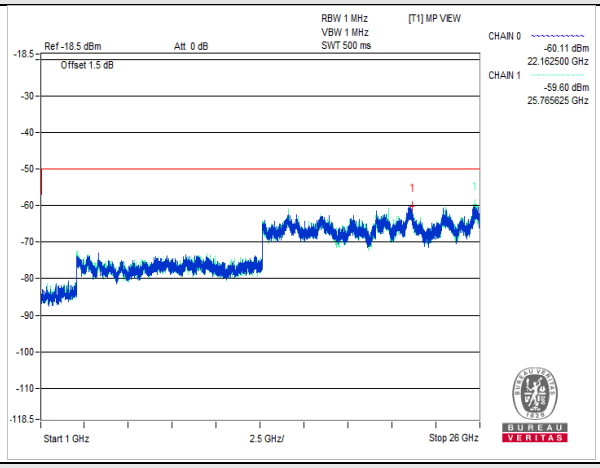
Vnormal



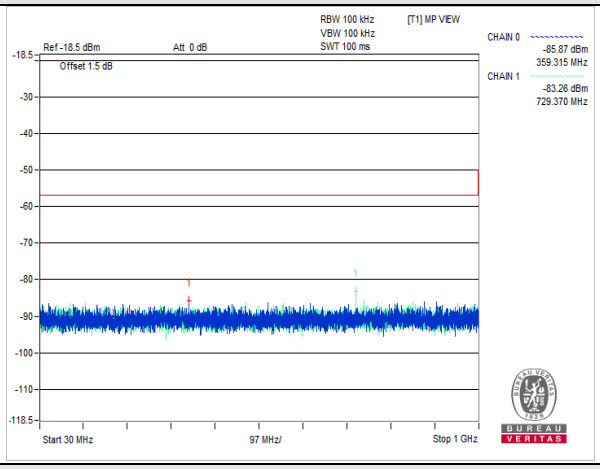


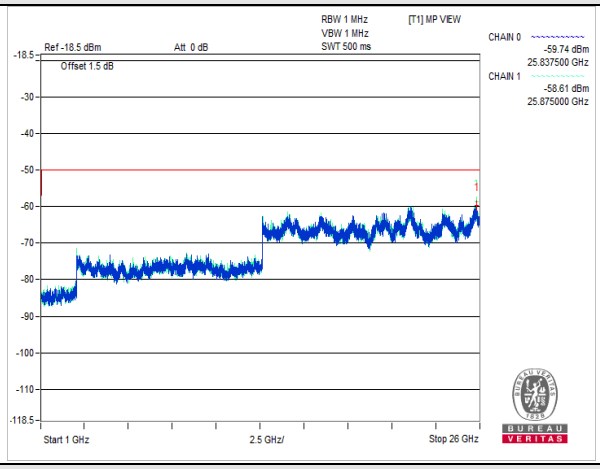
Vmax.





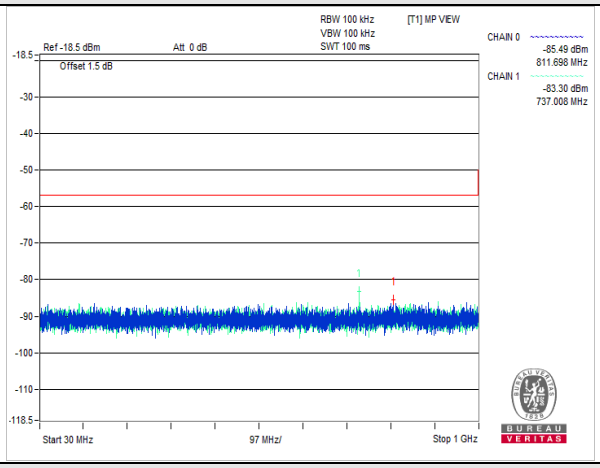
Vmin.

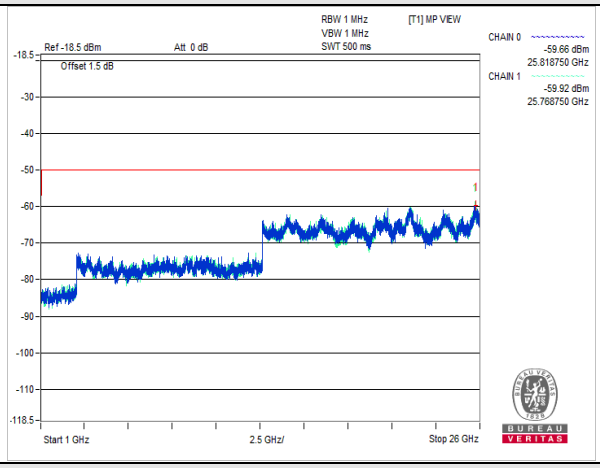




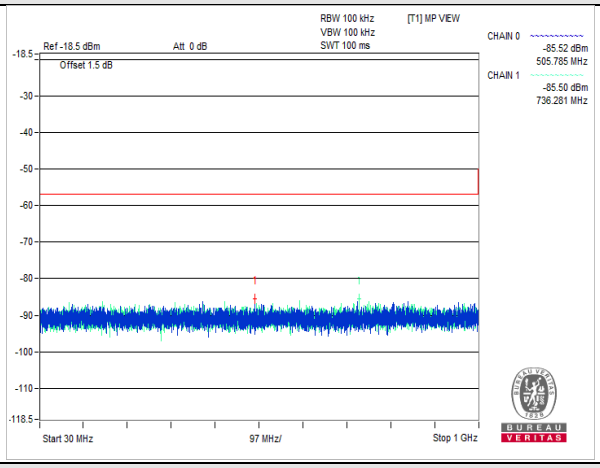
CH 120 (5600MHz)

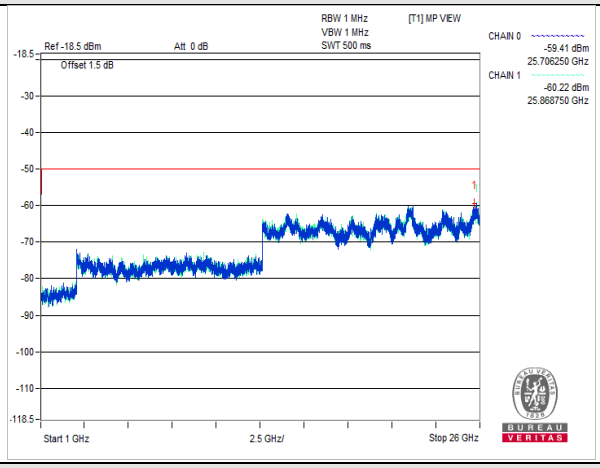
Vnormal



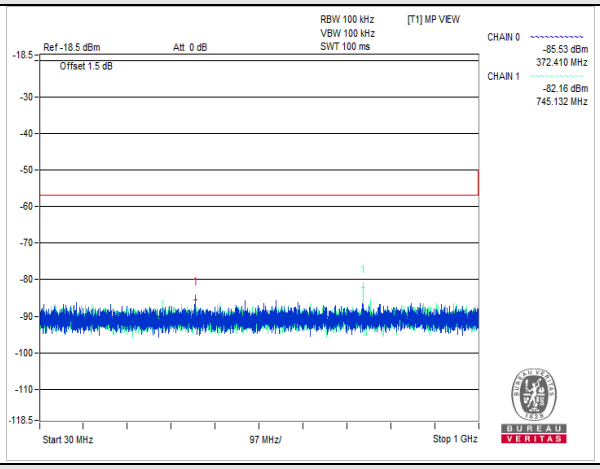


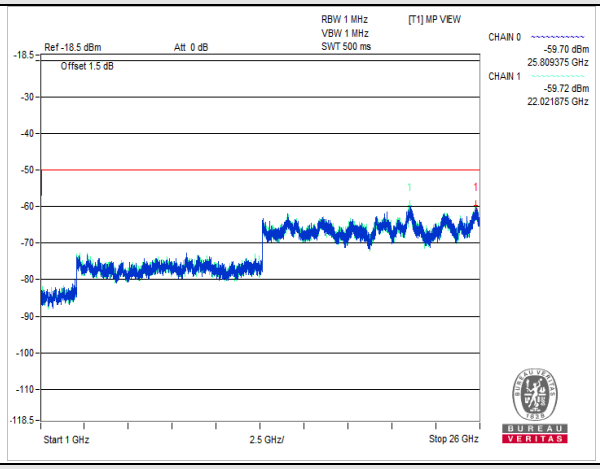
Vmax.





Vmin.





CH 144 (5720MHz)

Sum of each Chain

TEST CHANNEL		CH 36 (5180MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005873	4	PASS
	1000.0 to 26000.0	2.103209	20	PASS
$V_{max.}$	30.0 to 1000.0	0.007636	4	PASS
	1000.0 to 26000.0	2.371003	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004837	4	PASS
	1000.0 to 26000.0	2.534783	20	PASS
TEST CHANNEL		CH 48 (5240MHz)		
V_{normal}	30.0 to 1000.0	0.005859	4	PASS
	1000.0 to 26000.0	2.311893	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005570	4	PASS
	1000.0 to 26000.0	2.187965	20	PASS
$V_{min.}$	30.0 to 1000.0	0.011132	4	PASS
	1000.0 to 26000.0	2.072063	20	PASS
TEST CHANNEL		CH 52 (5260MHz)		
V_{normal}	30.0 to 1000.0	0.005560	4	PASS
	1000.0 to 26000.0	2.265975	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005524	4	PASS
	1000.0 to 26000.0	2.011846	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005802	4	PASS
	1000.0 to 26000.0	2.111995	20	PASS
TEST CHANNEL		CH 64 (5320MHz)		
V_{normal}	30.0 to 1000.0	0.005428	4	PASS
	1000.0 to 26000.0	2.164158	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004809	4	PASS
	1000.0 to 26000.0	2.209000	20	PASS
$V_{min.}$	30.0 to 1000.0	0.007012	4	PASS
	1000.0 to 26000.0	2.314889	20	PASS

TEST CHANNEL		CH 100 (5500MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005265	4	PASS
	1000.0 to 26000.0	1.919051	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004778	4	PASS
	1000.0 to 26000.0	2.140608	20	PASS
$V_{min.}$	30.0 to 1000.0	0.007817	4	PASS
	1000.0 to 26000.0	1.997710	20	PASS
TEST CHANNEL		CH 120 (5600MHz)		
V_{normal}	30.0 to 1000.0	0.004881	4	PASS
	1000.0 to 26000.0	2.496540	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005735	4	PASS
	1000.0 to 26000.0	2.071468	20	PASS
$V_{min.}$	30.0 to 1000.0	0.007309	4	PASS
	1000.0 to 26000.0	2.438905	20	PASS
TEST CHANNEL		CH 144 (5720MHz)		
V_{normal}	30.0 to 1000.0	0.007502	4	PASS
	1000.0 to 26000.0	2.100025	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005623	4	PASS
	1000.0 to 26000.0	2.096118	20	PASS
$V_{min.}$	30.0 to 1000.0	0.008880	4	PASS
	1000.0 to 26000.0	2.138115	20	PASS

802.11ax (HE40)

Chain A

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	483.596	0.002234	2.0	PASS
	1000.0 to 26000.0	21984.375	1.076465	10.0	PASS
$V_{max.}$	30.0 to 1000.0	42.367	0.002382	2.0	PASS
	1000.0 to 26000.0	21987.500	1.172195	10.0	PASS
$V_{min.}$	30.0 to 1000.0	855.591	0.002547	2.0	PASS
	1000.0 to 26000.0	25809.375	1.004616	10.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	828.916	0.002432	2.0	PASS
	1000.0 to 26000.0	25690.625	1.047129	10.0	PASS
$V_{max.}$	30.0 to 1000.0	844.800	0.002773	2.0	PASS
	1000.0 to 26000.0	25806.250	1.183042	10.0	PASS
$V_{min.}$	30.0 to 1000.0	642.555	0.002612	2.0	PASS
	1000.0 to 26000.0	22062.500	1.253141	10.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	213.451	0.002692	2.0	PASS
	1000.0 to 26000.0	25787.500	1.358313	10.0	PASS
$V_{max.}$	30.0 to 1000.0	127.970	0.002443	2.0	PASS
	1000.0 to 26000.0	22087.500	1.235947	10.0	PASS
$V_{min.}$	30.0 to 1000.0	511.362	0.002958	2.0	PASS
	1000.0 to 26000.0	22031.250	1.291219	10.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	33.880	0.002742	2.0	PASS
	1000.0 to 26000.0	22050.000	1.091440	10.0	PASS
$V_{max.}$	30.0 to 1000.0	622.791	0.002523	2.0	PASS
	1000.0 to 26000.0	25843.750	1.306171	10.0	PASS
$V_{min.}$	30.0 to 1000.0	201.932	0.002399	2.0	PASS
	1000.0 to 26000.0	21943.750	1.174898	10.0	PASS

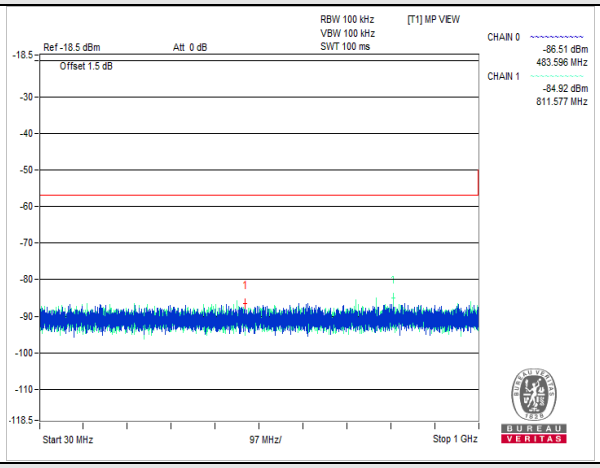
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	815.821	0.002518	2.0	PASS
	1000.0 to 26000.0	22112.500	1.202264	10.0	PASS
$V_{max.}$	30.0 to 1000.0	313.603	0.002588	2.0	PASS
	1000.0 to 26000.0	25734.375	1.119438	10.0	PASS
$V_{min.}$	30.0 to 1000.0	993.331	0.002698	2.0	PASS
	1000.0 to 26000.0	25975.000	1.066596	10.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	424.426	0.002661	2.0	PASS
	1000.0 to 26000.0	22040.625	1.193988	10.0	PASS
$V_{max.}$	30.0 to 1000.0	512.938	0.002388	2.0	PASS
	1000.0 to 26000.0	22062.500	1.150800	10.0	PASS
$V_{min.}$	30.0 to 1000.0	582.536	0.002618	2.0	PASS
	1000.0 to 26000.0	22062.500	1.202264	10.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	753.013	0.002393	2.0	PASS
	1000.0 to 26000.0	25712.500	1.145513	10.0	PASS
$V_{max.}$	30.0 to 1000.0	921.672	0.003119	2.0	PASS
	1000.0 to 26000.0	25734.375	1.205036	10.0	PASS
$V_{min.}$	30.0 to 1000.0	734.947	0.003155	2.0	PASS
	1000.0 to 26000.0	25853.125	1.174898	10.0	PASS

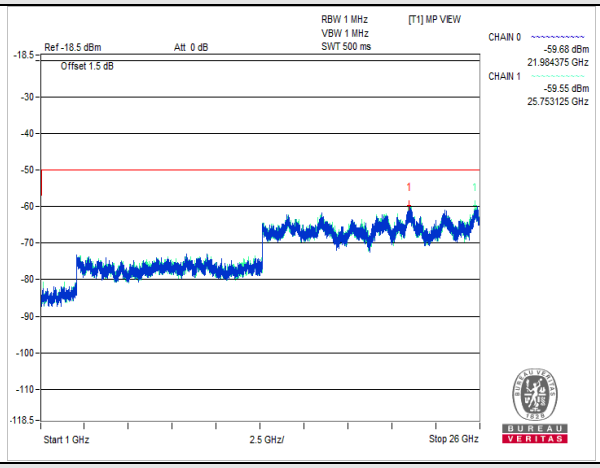
Chain B

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	811.577	0.003221	2.0	PASS
	1000.0 to 26000.0	25753.125	1.109175	10.0	PASS
$V_{max.}$	30.0 to 1000.0	468.682	0.002466	2.0	PASS
	1000.0 to 26000.0	25778.125	1.044720	10.0	PASS
$V_{min.}$	30.0 to 1000.0	320.393	0.002559	2.0	PASS
	1000.0 to 26000.0	25818.750	1.276439	10.0	PASS
TEST CHANNEL		CH 46 (5230MHz)			
V_{normal}	30.0 to 1000.0	92.201	0.002612	2.0	PASS
	1000.0 to 26000.0	25803.125	1.083927	10.0	PASS
$V_{max.}$	30.0 to 1000.0	978.417	0.002472	2.0	PASS
	1000.0 to 26000.0	25912.500	1.009253	10.0	PASS
$V_{min.}$	30.0 to 1000.0	563.621	0.002495	2.0	PASS
	1000.0 to 26000.0	22090.625	1.247384	10.0	PASS
TEST CHANNEL		CH 54 (5270MHz)			
V_{normal}	30.0 to 1000.0	392.901	0.002355	2.0	PASS
	1000.0 to 26000.0	21940.625	1.205036	10.0	PASS
$V_{max.}$	30.0 to 1000.0	391.203	0.002979	2.0	PASS
	1000.0 to 26000.0	25740.625	1.327394	10.0	PASS
$V_{min.}$	30.0 to 1000.0	751.801	0.002624	2.0	PASS
	1000.0 to 26000.0	21971.875	1.044720	10.0	PASS
TEST CHANNEL		CH 62 (5310MHz)			
V_{normal}	30.0 to 1000.0	609.817	0.002799	2.0	PASS
	1000.0 to 26000.0	22103.125	1.150800	10.0	PASS
$V_{max.}$	30.0 to 1000.0	711.546	0.002636	2.0	PASS
	1000.0 to 26000.0	25753.125	1.054387	10.0	PASS
$V_{min.}$	30.0 to 1000.0	432.307	0.002404	2.0	PASS
	1000.0 to 26000.0	22037.500	1.267652	10.0	PASS

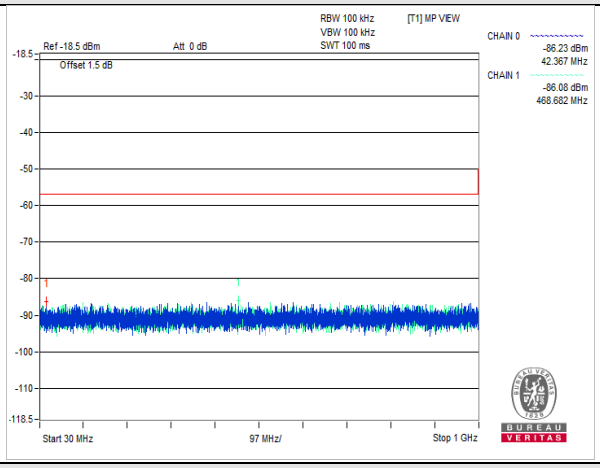
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	746.102	0.019055	2.0	PASS
	1000.0 to 26000.0	25793.750	1.193988	10.0	PASS
$V_{max.}$	30.0 to 1000.0	145.915	0.003475	2.0	PASS
	1000.0 to 26000.0	22062.500	1.482518	10.0	PASS
$V_{min.}$	30.0 to 1000.0	746.102	0.009908	2.0	PASS
	1000.0 to 26000.0	22131.250	1.174898	10.0	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	743.798	0.004477	2.0	PASS
	1000.0 to 26000.0	25765.625	1.233105	10.0	PASS
$V_{max.}$	30.0 to 1000.0	746.951	0.003864	2.0	PASS
	1000.0 to 26000.0	25809.375	1.145513	10.0	PASS
$V_{min.}$	30.0 to 1000.0	543.008	0.002477	2.0	PASS
	1000.0 to 26000.0	22059.375	1.122018	10.0	PASS
TEST CHANNEL		CH 142 (5710MHz)			
V_{normal}	30.0 to 1000.0	408.542	0.002333	2.0	PASS
	1000.0 to 26000.0	21965.625	1.180321	10.0	PASS
$V_{max.}$	30.0 to 1000.0	591.872	0.002500	2.0	PASS
	1000.0 to 26000.0	25825.000	1.127197	10.0	PASS
$V_{min.}$	30.0 to 1000.0	764.532	0.002999	2.0	PASS
	1000.0 to 26000.0	25915.625	1.221800	10.0	PASS

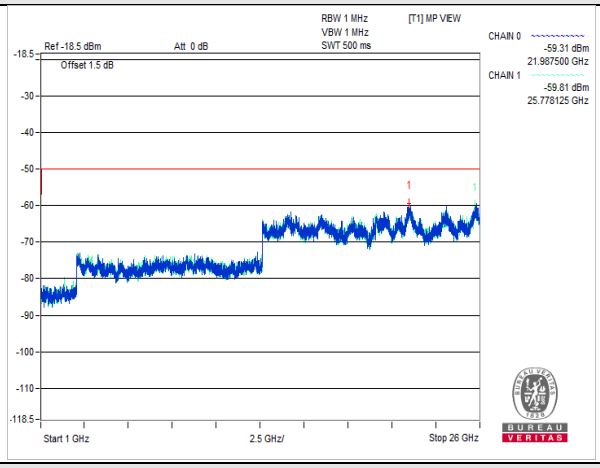
Vnormal



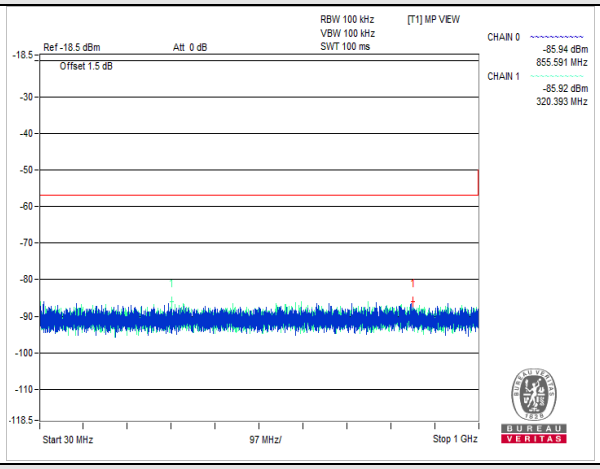


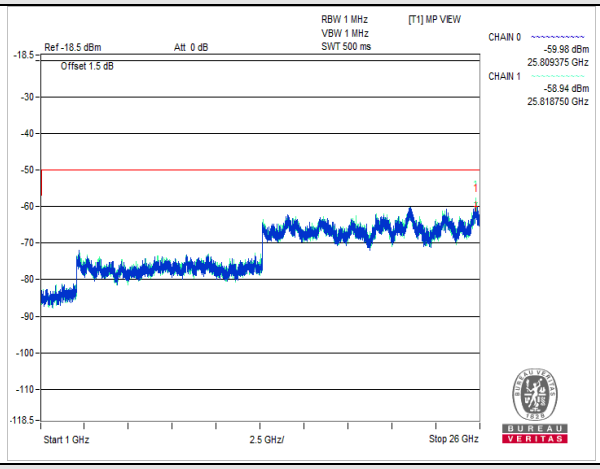
Vmax.





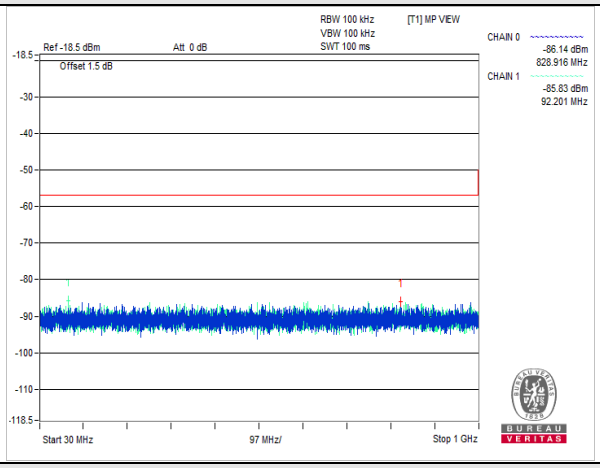
Vmin.

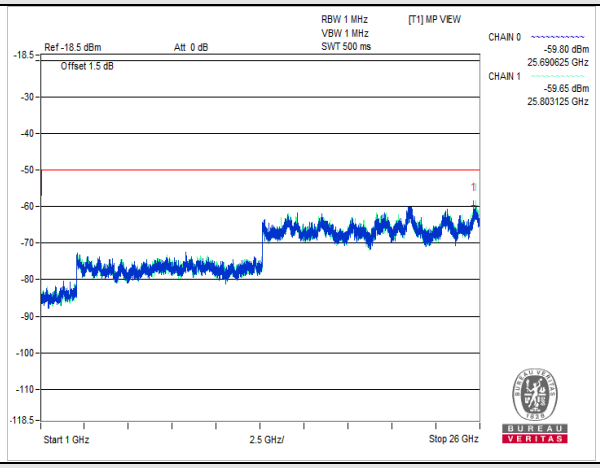




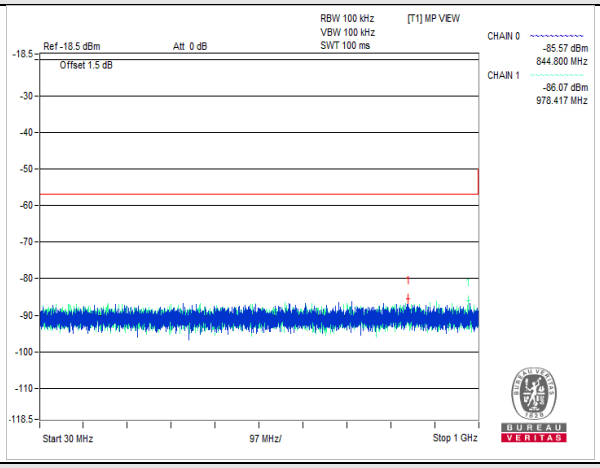
CH 38 (5190MHz)

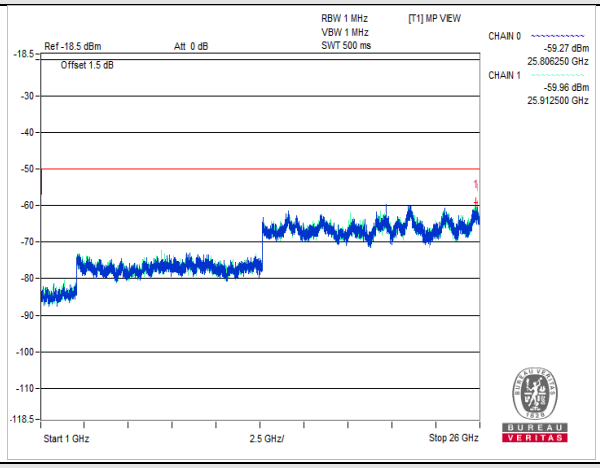
Vnormal



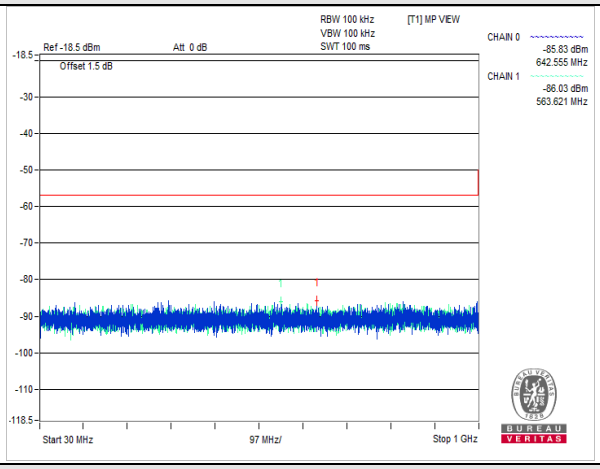


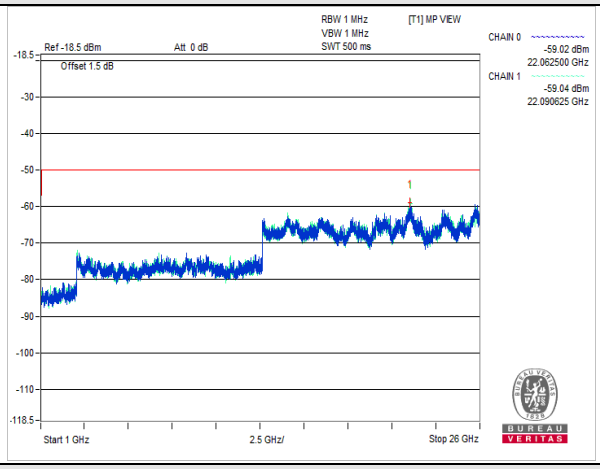
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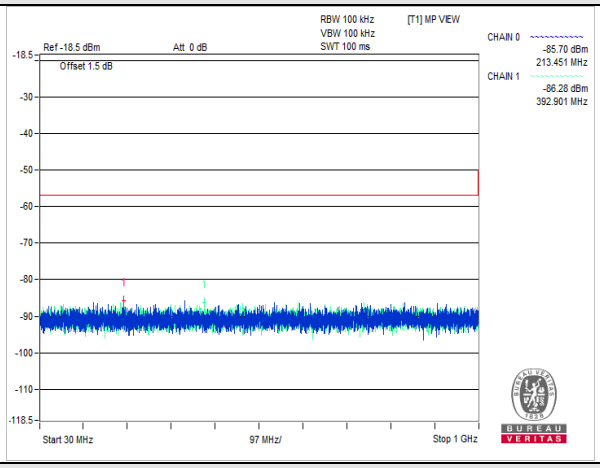
Vmin.

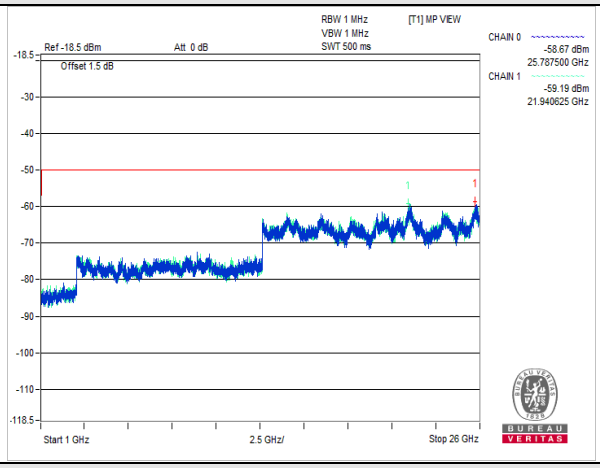




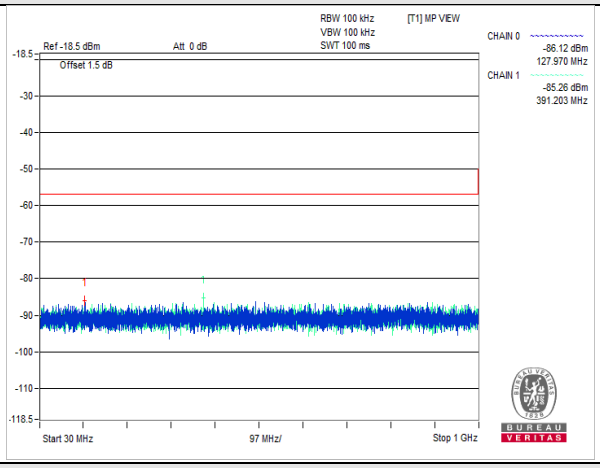
CH 46 (5230MHz)

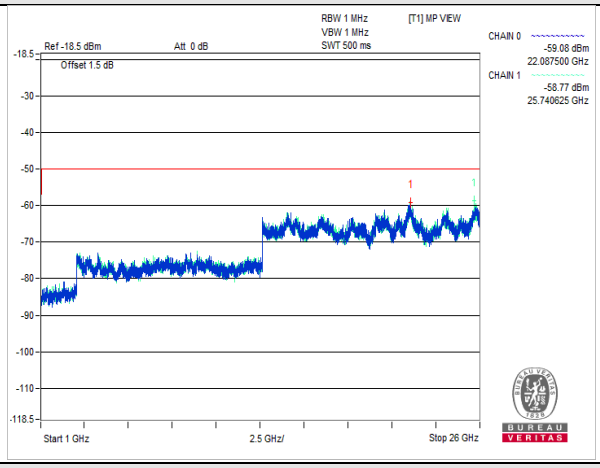
Vnormal



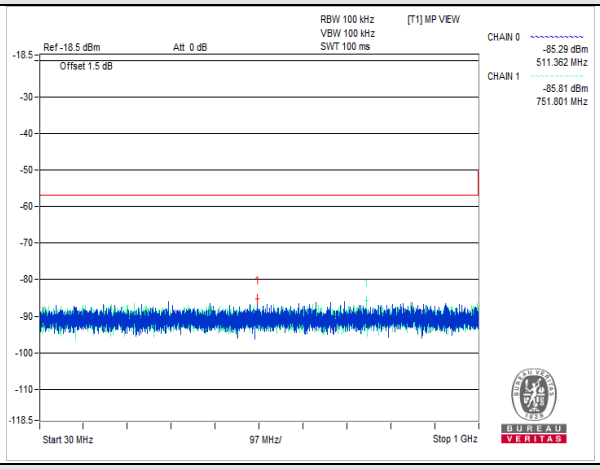


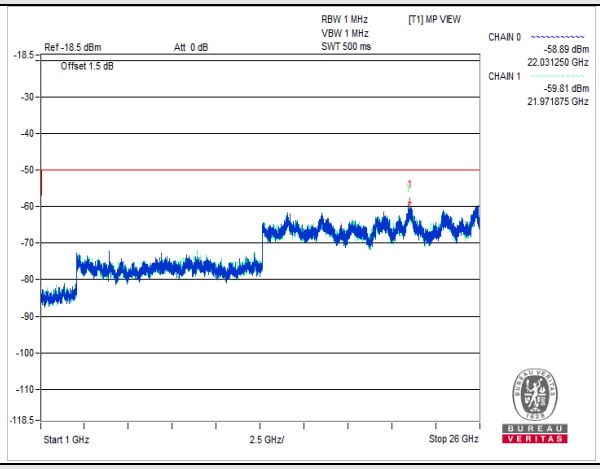
Vmax.





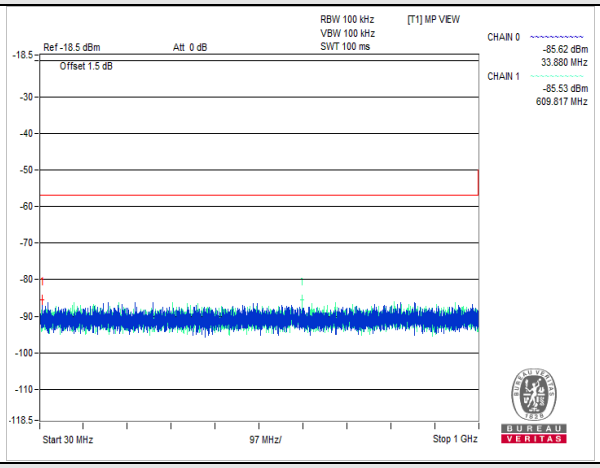
Vmin.

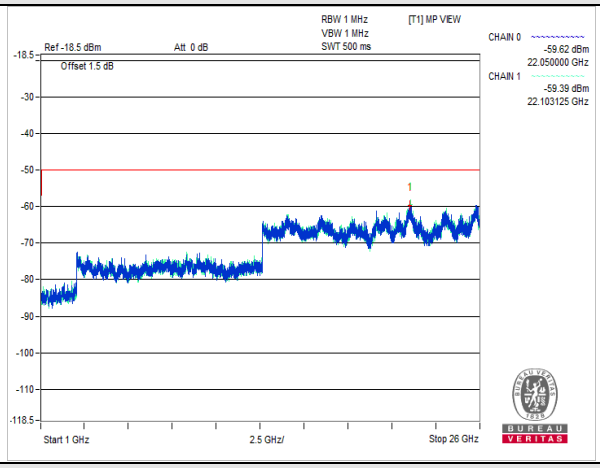




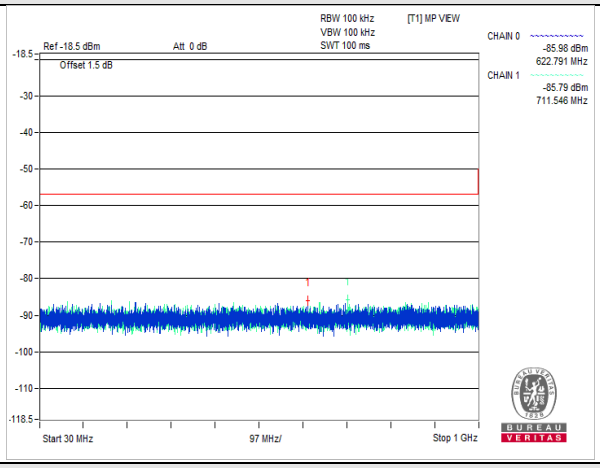
CH 54 (5270MHz)

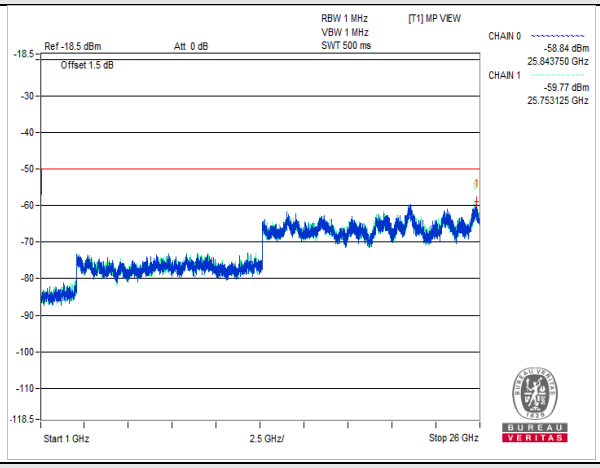
Vnormal



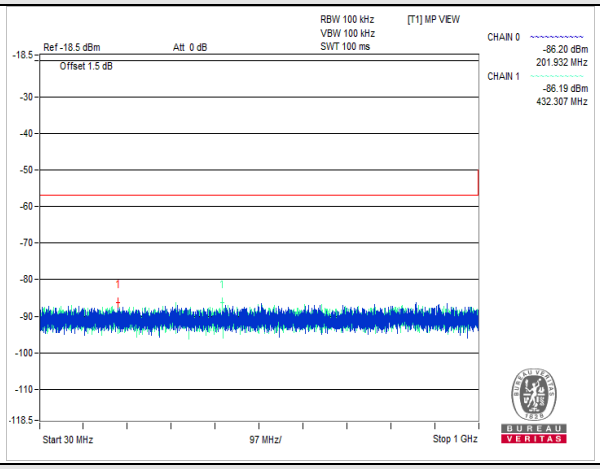


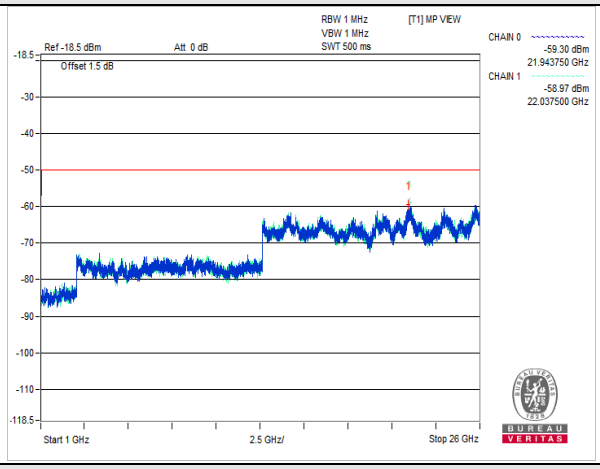
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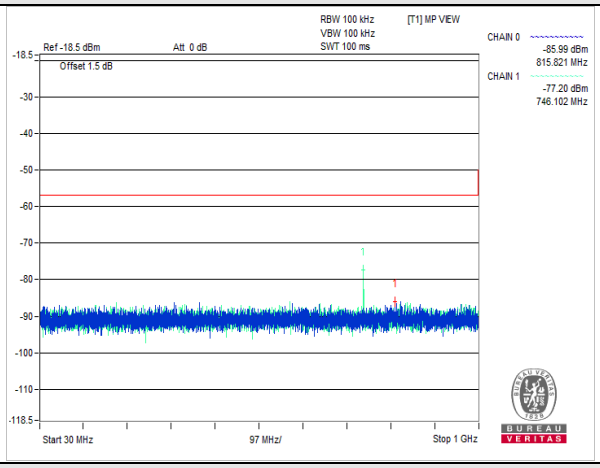
Vmin.

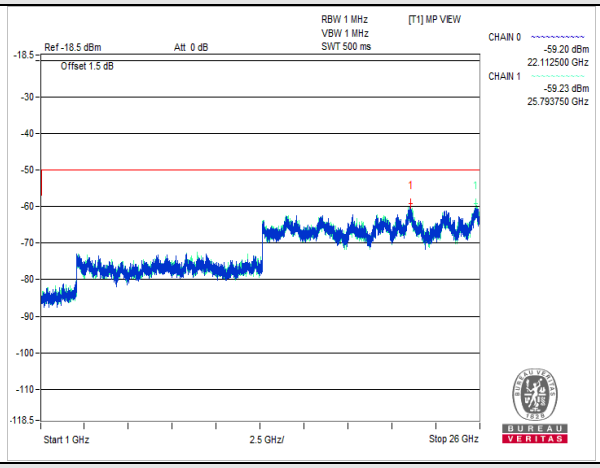




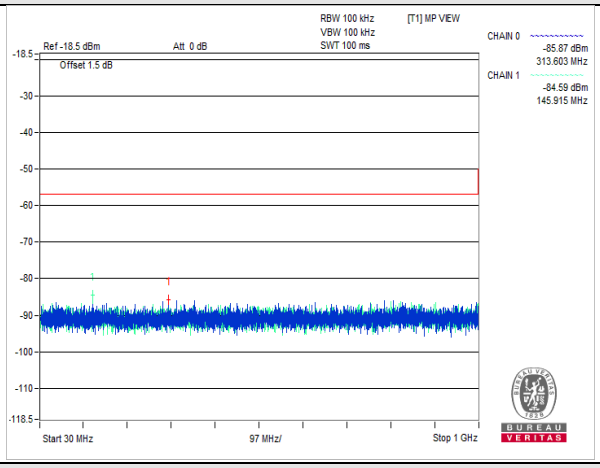
CH 62 (5310MHz)

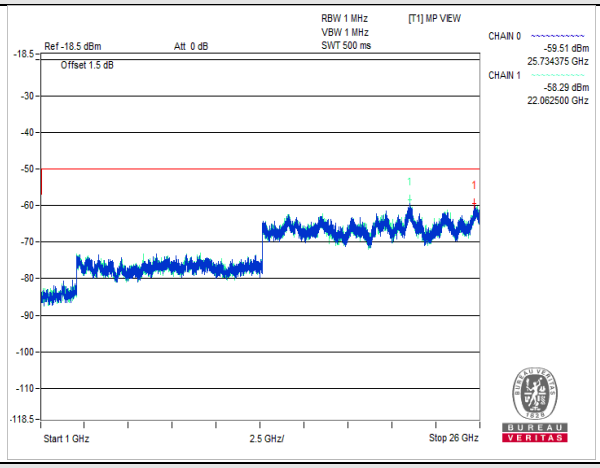
Vnormal



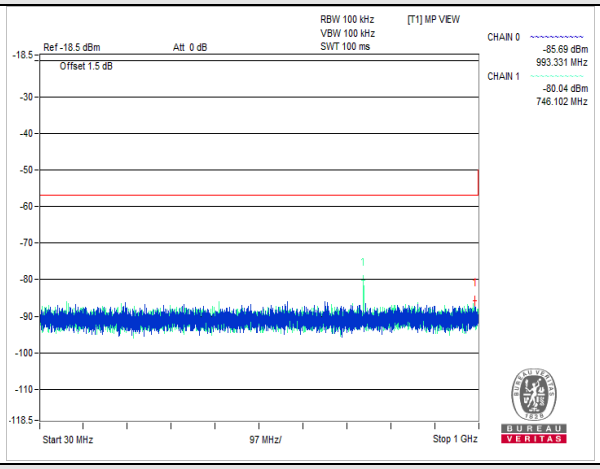


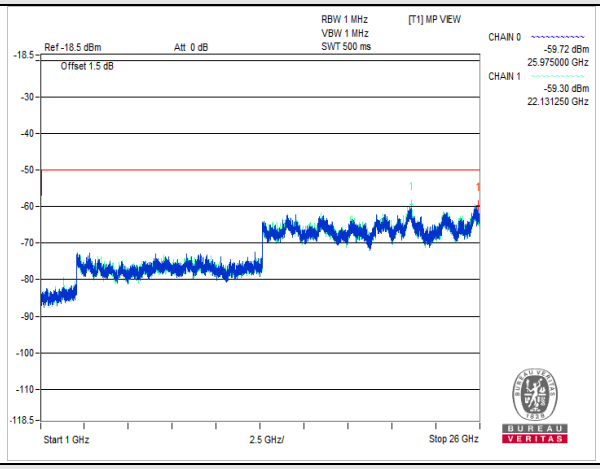
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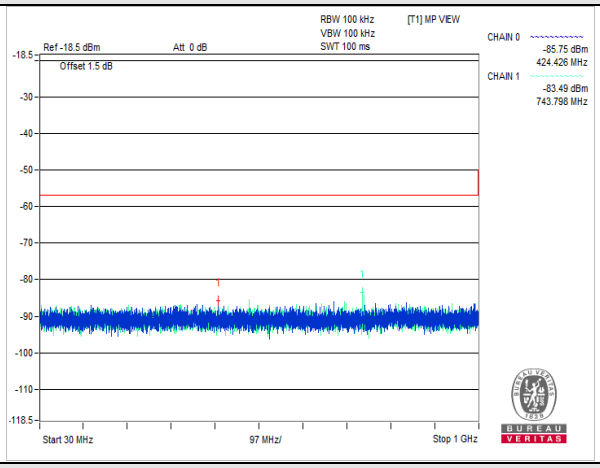
Vmin.

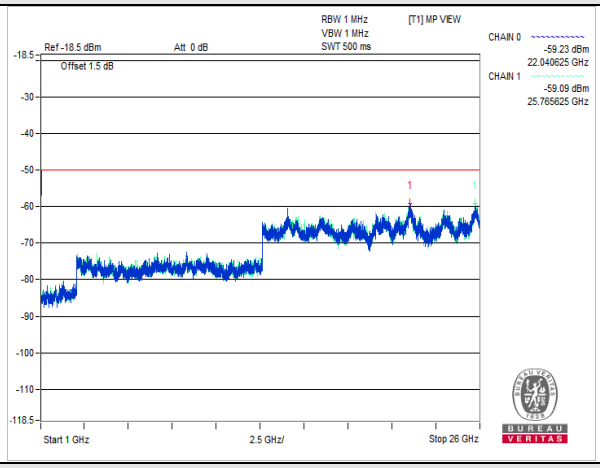




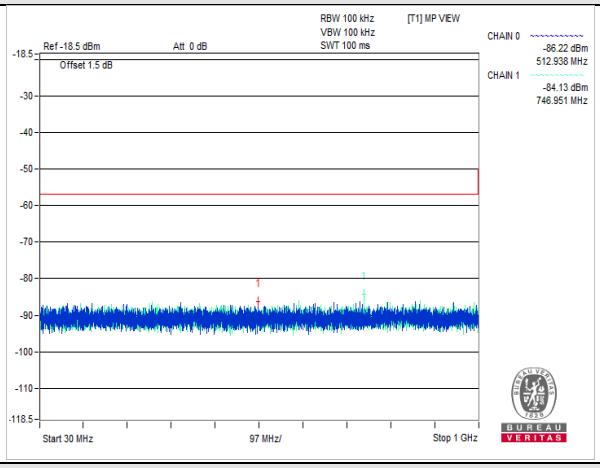
CH 102 (5510MHz)

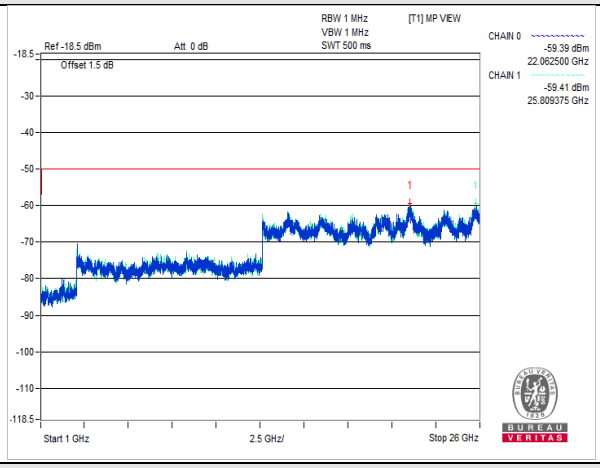
Vnormal



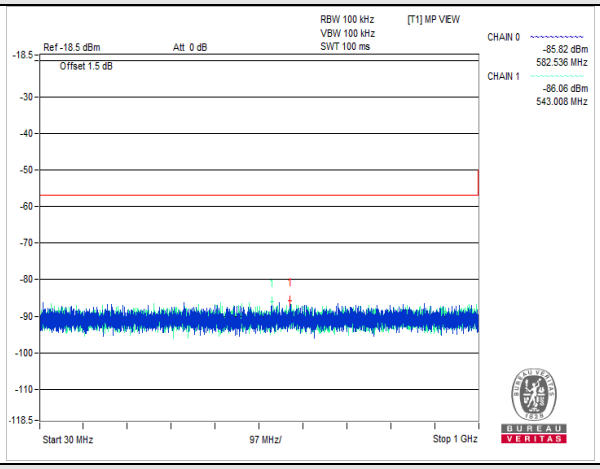


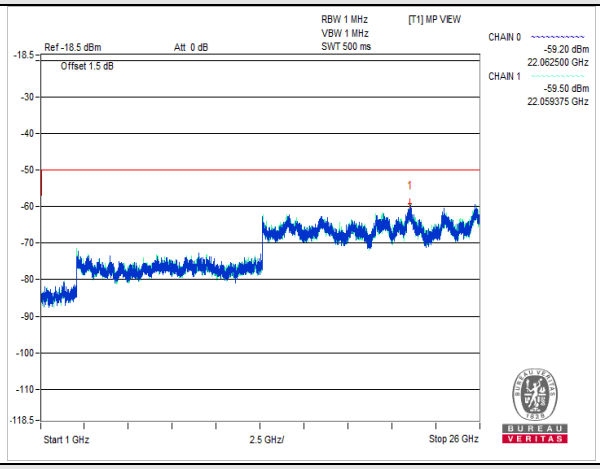
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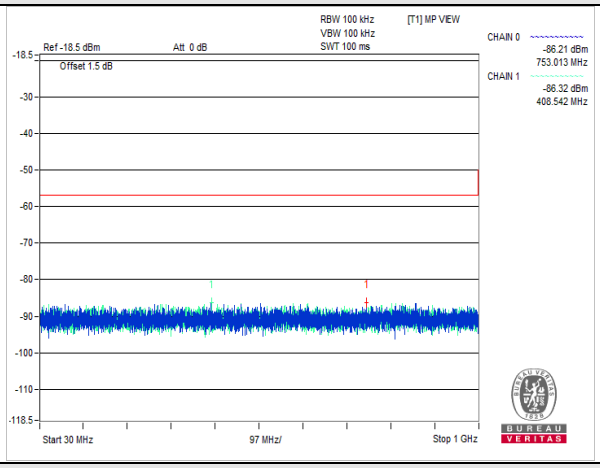
Vmin.

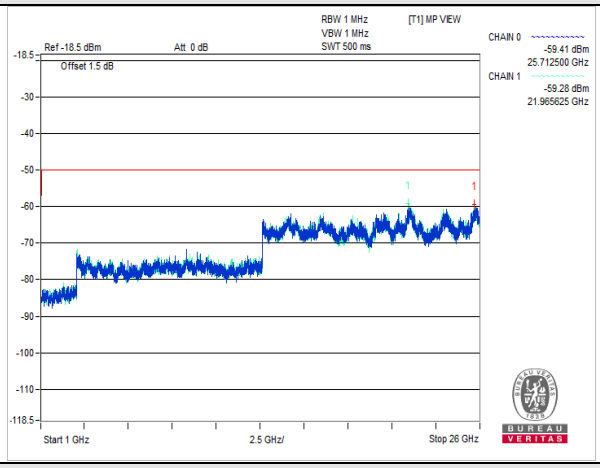




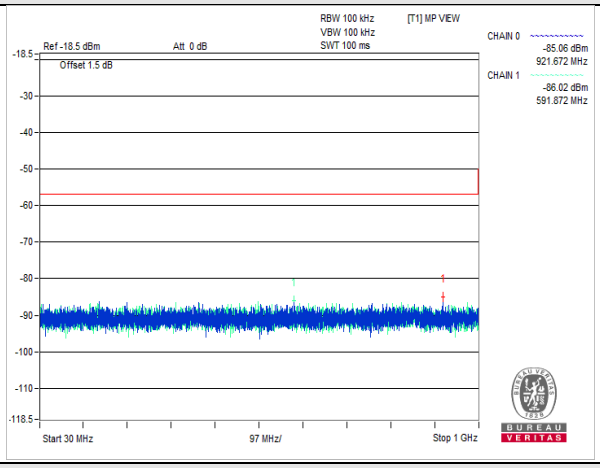
CH 118 (5590MHz)

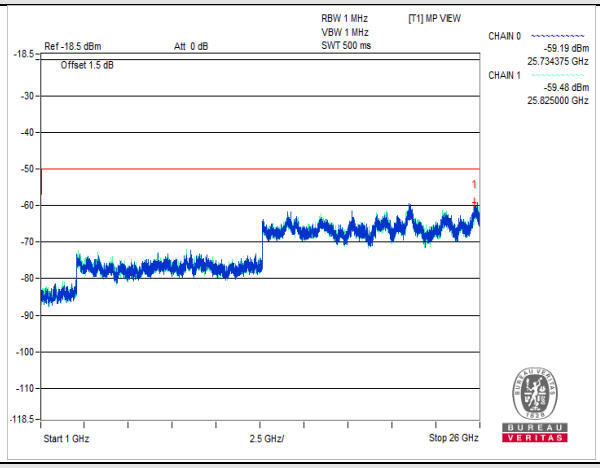
Vnormal



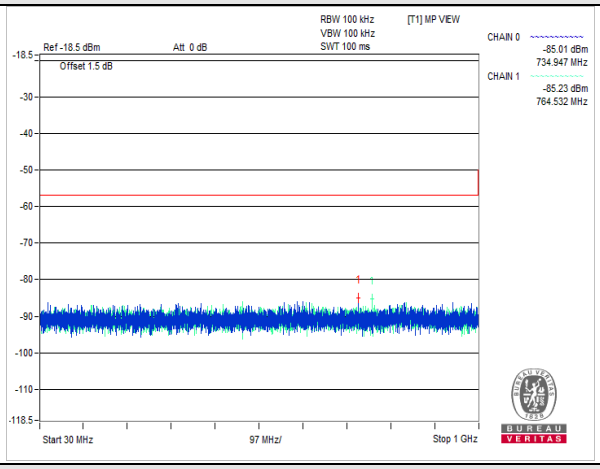


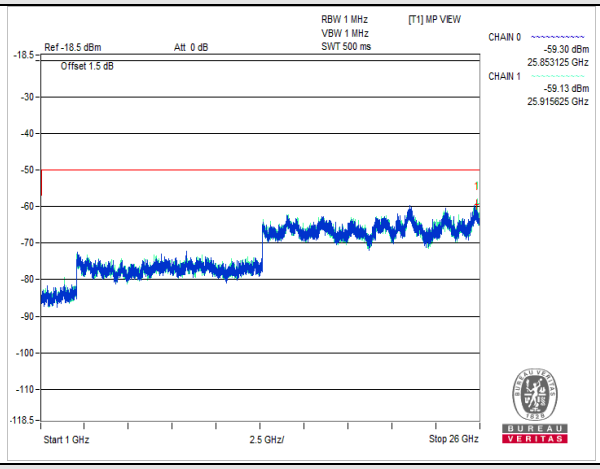
Vmax.





Vmin.





CH 142 (5710MHz)

Sum of each Chain

TEST CHANNEL		CH 38 (5190MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005455	4	PASS
	1000.0 to 26000.0	2.185640	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004848	4	PASS
	1000.0 to 26000.0	2.216915	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005106	4	PASS
	1000.0 to 26000.0	2.281055	20	PASS
TEST CHANNEL		CH 46 (5230MHz)		
V_{normal}	30.0 to 1000.0	0.005044	4	PASS
	1000.0 to 26000.0	2.131056	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005245	4	PASS
	1000.0 to 26000.0	2.192295	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005107	4	PASS
	1000.0 to 26000.0	2.500525	20	PASS
TEST CHANNEL		CH 54 (5270MHz)		
V_{normal}	30.0 to 1000.0	0.005047	4	PASS
	1000.0 to 26000.0	2.563349	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005422	4	PASS
	1000.0 to 26000.0	2.563341	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005582	4	PASS
	1000.0 to 26000.0	2.335939	20	PASS
TEST CHANNEL		CH 62 (5310MHz)		
V_{normal}	30.0 to 1000.0	0.005541	4	PASS
	1000.0 to 26000.0	2.242240	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005159	4	PASS
	1000.0 to 26000.0	2.360558	20	PASS
$V_{min.}$	30.0 to 1000.0	0.004803	4	PASS
	1000.0 to 26000.0	2.442550	20	PASS

TEST CHANNEL		CH 102 (5510MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.021573	4	PASS
	1000.0 to 26000.0	2.396252	20	PASS
$V_{max.}$	30.0 to 1000.0	0.006063	4	PASS
	1000.0 to 26000.0	2.601956	20	PASS
$V_{min.}$	30.0 to 1000.0	0.012606	4	PASS
	1000.0 to 26000.0	2.241494	20	PASS
TEST CHANNEL		CH 118 (5590MHz)		
V_{normal}	30.0 to 1000.0	0.007138	4	PASS
	1000.0 to 26000.0	2.427093	20	PASS
$V_{max.}$	30.0 to 1000.0	0.006252	4	PASS
	1000.0 to 26000.0	2.296313	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005095	4	PASS
	1000.0 to 26000.0	2.324282	20	PASS
TEST CHANNEL		CH 142 (5710MHz)		
V_{normal}	30.0 to 1000.0	0.004726	4	PASS
	1000.0 to 26000.0	2.325834	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005619	4	PASS
	1000.0 to 26000.0	2.332233	20	PASS
$V_{min.}$	30.0 to 1000.0	0.006154	4	PASS
	1000.0 to 26000.0	2.396698	20	PASS

802.11ax (HE80)

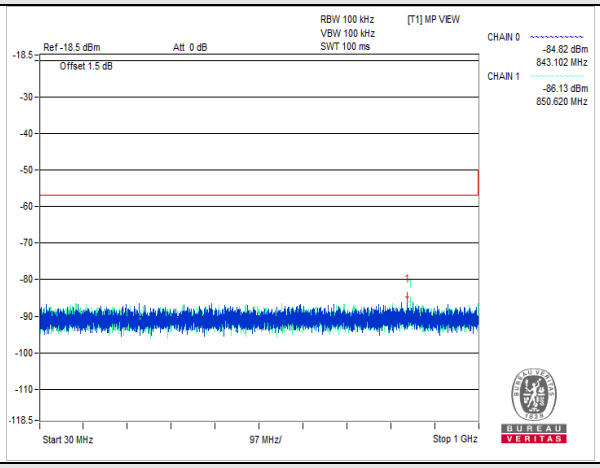
Chain A

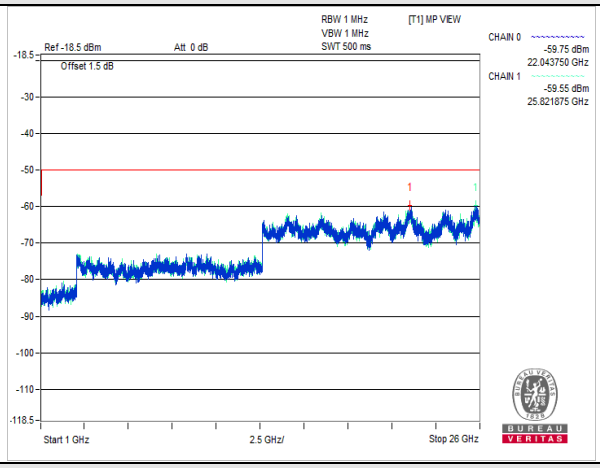
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	843.102	0.003296	2.0	PASS
	1000.0 to 26000.0	22043.750	1.059254	10.0	PASS
$V_{max.}$	30.0 to 1000.0	830.735	0.002673	2.0	PASS
	1000.0 to 26000.0	22034.375	1.250259	10.0	PASS
$V_{min.}$	30.0 to 1000.0	129.788	0.002594	2.0	PASS
	1000.0 to 26000.0	22109.375	1.333521	10.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	563.136	0.002449	2.0	PASS
	1000.0 to 26000.0	22040.625	1.506607	10.0	PASS
$V_{max.}$	30.0 to 1000.0	195.991	0.003365	2.0	PASS
	1000.0 to 26000.0	22031.250	1.049542	10.0	PASS
$V_{min.}$	30.0 to 1000.0	882.872	0.002594	2.0	PASS
	1000.0 to 26000.0	21996.875	1.367729	10.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	37.032	0.002761	2.0	PASS
	1000.0 to 26000.0	25934.375	1.191242	10.0	PASS
$V_{max.}$	30.0 to 1000.0	877.295	0.002812	2.0	PASS
	1000.0 to 26000.0	25856.250	1.489361	10.0	PASS
$V_{min.}$	30.0 to 1000.0	971.142	0.003184	2.0	PASS
	1000.0 to 26000.0	22075.000	1.037528	10.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	426.851	0.002415	2.0	PASS
	1000.0 to 26000.0	25803.125	1.276439	10.0	PASS
$V_{max.}$	30.0 to 1000.0	914.155	0.002924	2.0	PASS
	1000.0 to 26000.0	25790.625	1.193988	10.0	PASS
$V_{min.}$	30.0 to 1000.0	384.656	0.002958	2.0	PASS
	1000.0 to 26000.0	21943.750	1.051962	10.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	712.880	0.003083	2.0	PASS
	1000.0 to 26000.0	25825.000	0.950605	10.0	PASS
$V_{max.}$	30.0 to 1000.0	608.968	0.002477	2.0	PASS
	1000.0 to 26000.0	22059.375	1.106624	10.0	PASS
$V_{min.}$	30.0 to 1000.0	545.555	0.003126	2.0	PASS
	1000.0 to 26000.0	25765.625	1.267652	10.0	PASS

Chain B

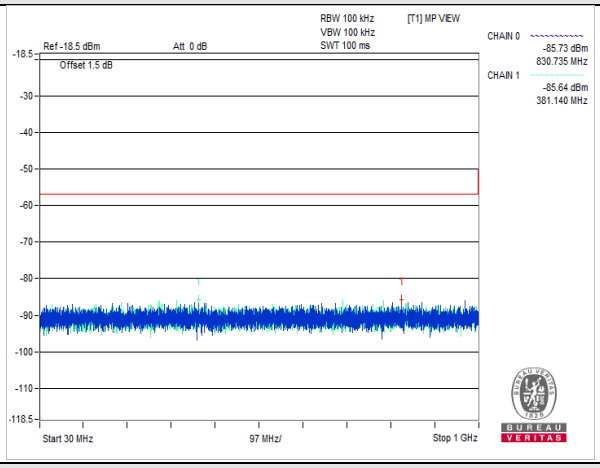
TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	850.620	0.002438	2.0	PASS
	1000.0 to 26000.0	25821.875	1.109175	10.0	PASS
$V_{max.}$	30.0 to 1000.0	381.140	0.002729	2.0	PASS
	1000.0 to 26000.0	25812.500	1.140250	10.0	PASS
$V_{min.}$	30.0 to 1000.0	54.492	0.002455	2.0	PASS
	1000.0 to 26000.0	25834.375	1.076465	10.0	PASS
TEST CHANNEL		CH 58 (5290MHz)			
V_{normal}	30.0 to 1000.0	819.216	0.002547	2.0	PASS
	1000.0 to 26000.0	22087.500	1.088930	10.0	PASS
$V_{max.}$	30.0 to 1000.0	434.490	0.002673	2.0	PASS
	1000.0 to 26000.0	22168.750	1.116863	10.0	PASS
$V_{min.}$	30.0 to 1000.0	294.446	0.002661	2.0	PASS
	1000.0 to 26000.0	25796.875	1.124605	10.0	PASS
TEST CHANNEL		CH 106 (5530MHz)			
V_{normal}	30.0 to 1000.0	571.017	0.002415	2.0	PASS
	1000.0 to 26000.0	21981.250	1.111732	10.0	PASS
$V_{max.}$	30.0 to 1000.0	729.491	0.007178	2.0	PASS
	1000.0 to 26000.0	22046.875	1.099006	10.0	PASS
$V_{min.}$	30.0 to 1000.0	199.022	0.002612	2.0	PASS
	1000.0 to 26000.0	22112.500	0.997700	10.0	PASS
TEST CHANNEL		CH 122 (5610MHz)			
V_{normal}	30.0 to 1000.0	751.680	0.002661	2.0	PASS
	1000.0 to 26000.0	22090.625	1.018591	10.0	PASS
$V_{max.}$	30.0 to 1000.0	953.925	0.002735	2.0	PASS
	1000.0 to 26000.0	22078.125	1.042317	10.0	PASS
$V_{min.}$	30.0 to 1000.0	515.727	0.002799	2.0	PASS
	1000.0 to 26000.0	21984.375	1.348963	10.0	PASS
TEST CHANNEL		CH 138 (5690MHz)			
V_{normal}	30.0 to 1000.0	43.216	0.002455	2.0	PASS
	1000.0 to 26000.0	22050.000	1.101539	10.0	PASS
$V_{max.}$	30.0 to 1000.0	319.302	0.003034	2.0	PASS
	1000.0 to 26000.0	25887.500	1.294196	10.0	PASS
$V_{min.}$	30.0 to 1000.0	973.082	0.003090	2.0	PASS
	1000.0 to 26000.0	22100.000	1.235947	10.0	PASS

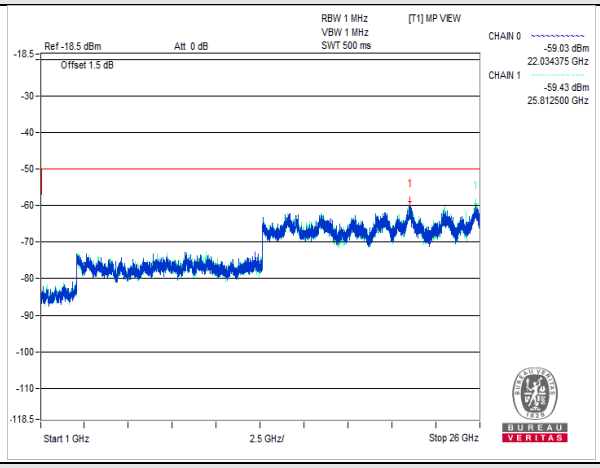
Vnormal



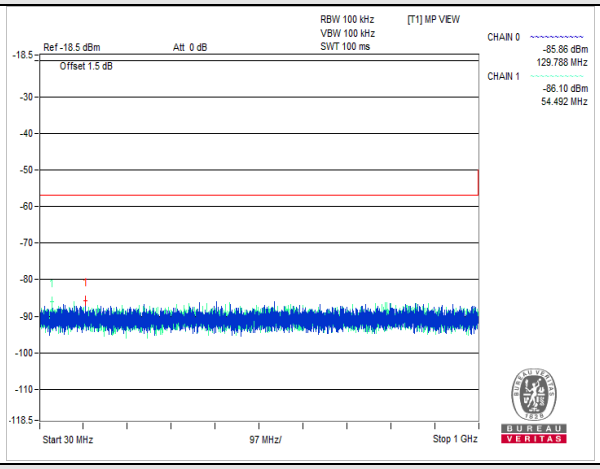


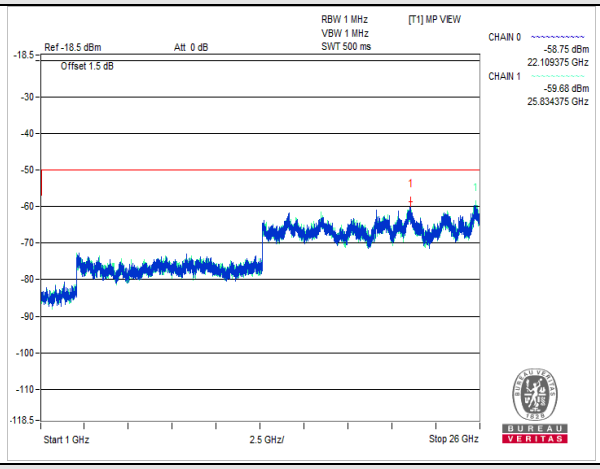
Vmax.





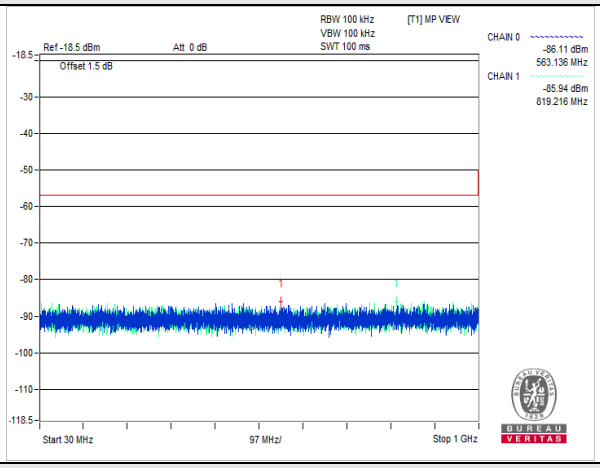
Vmin.

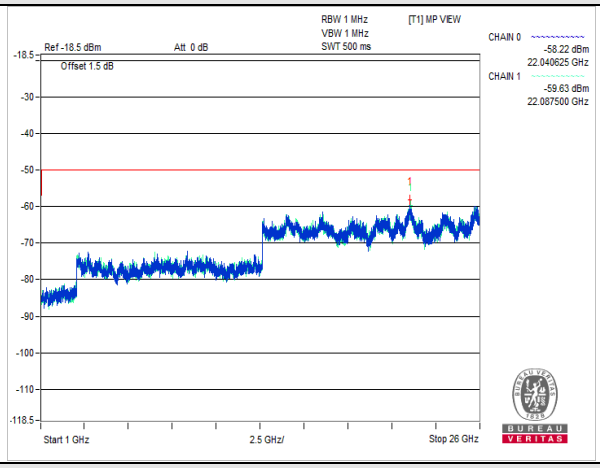




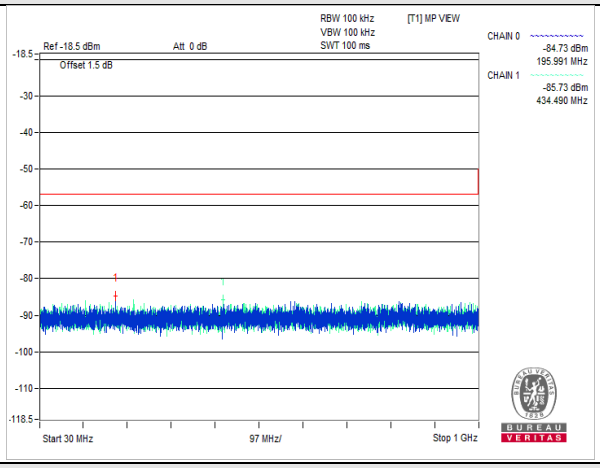
CH 42 (5210MHz)

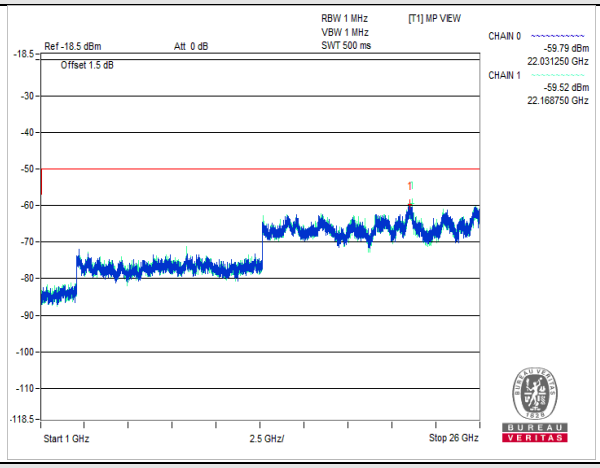
Vnormal



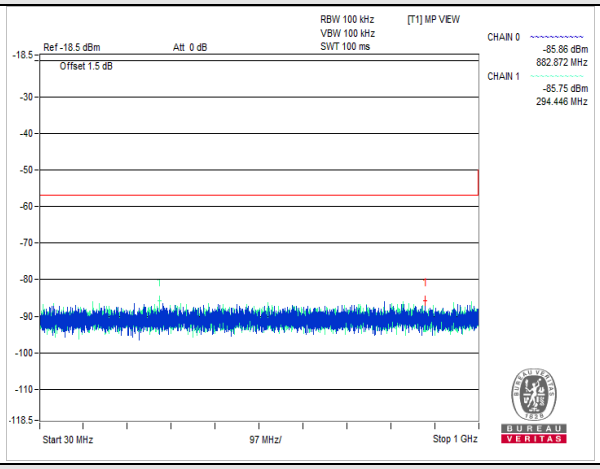


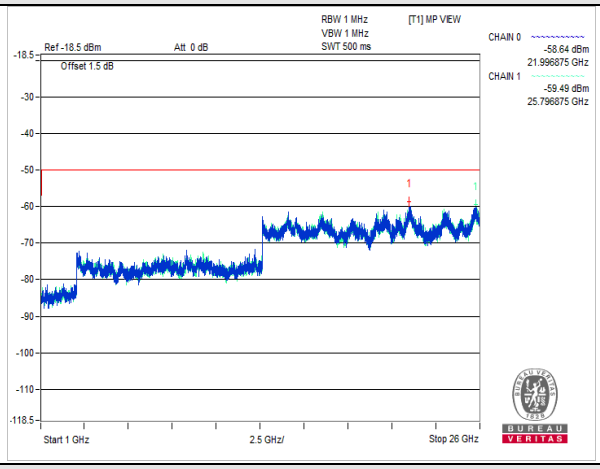
Vmax.





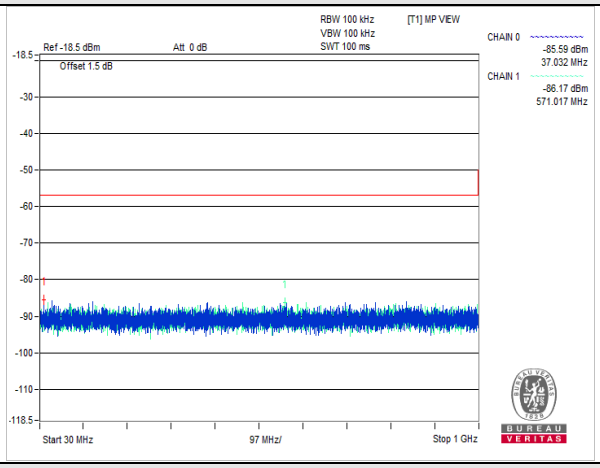
Vmin.

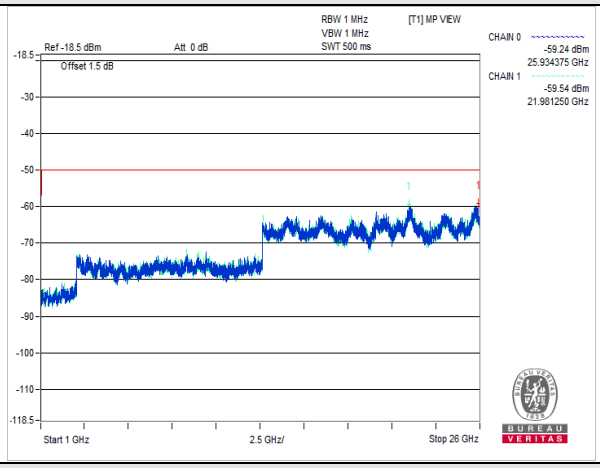




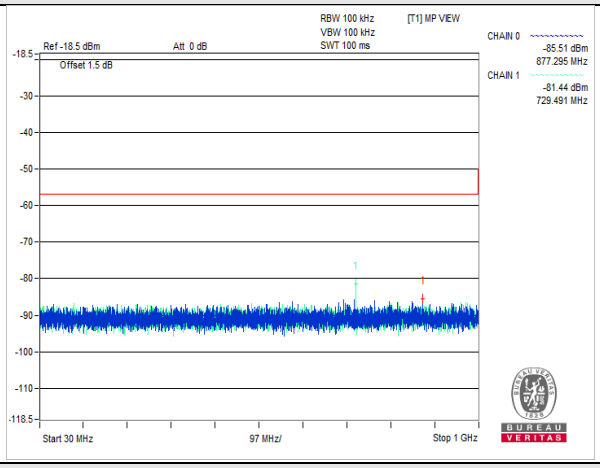
CH 58 (5290MHz)

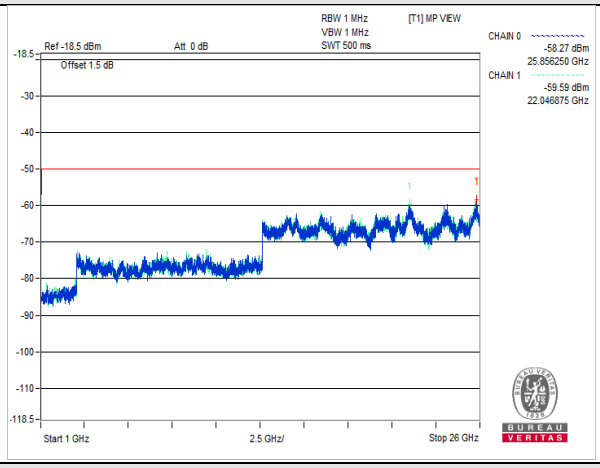
Vnormal



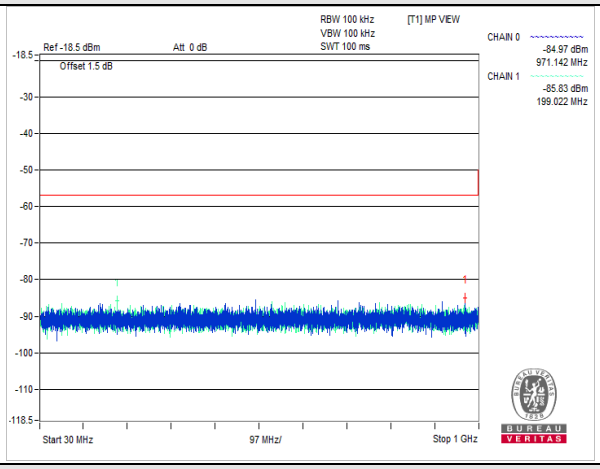


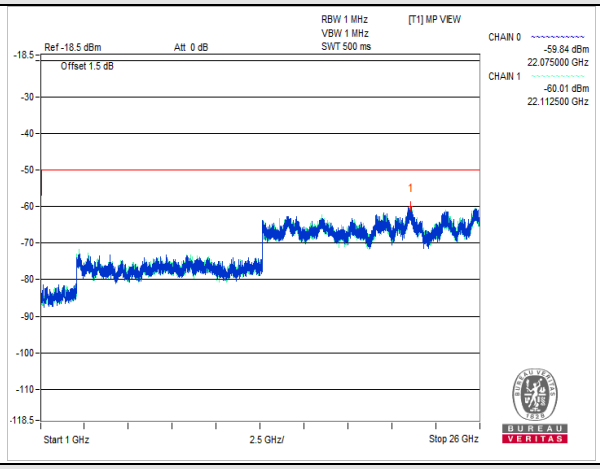
Vmax.





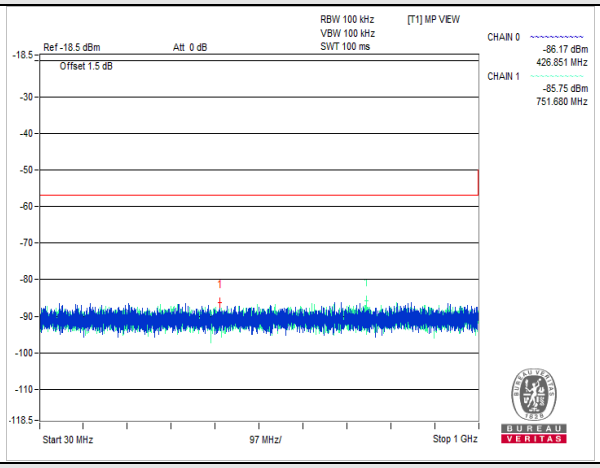
Vmin.

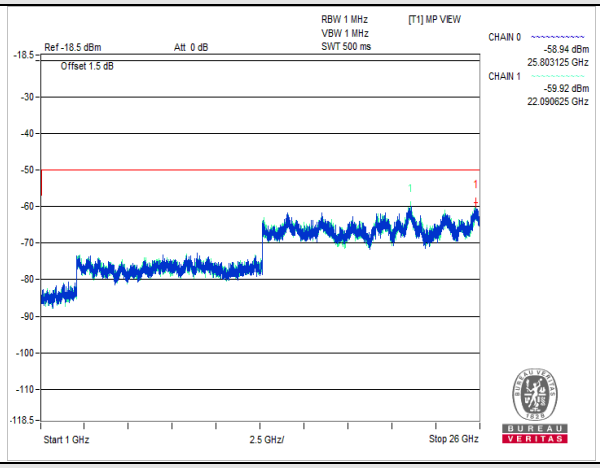




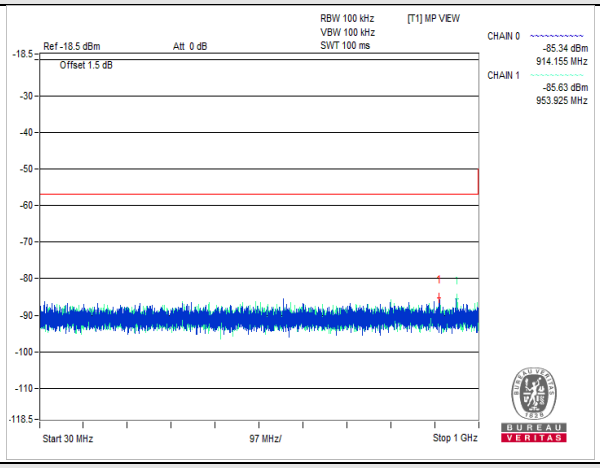
CH 106 (5530MHz)

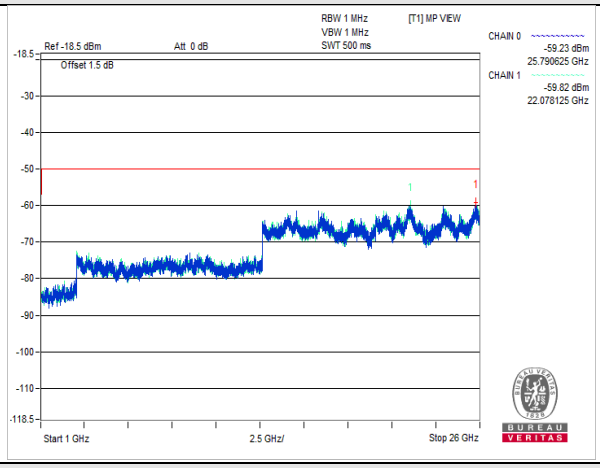
Vnormal



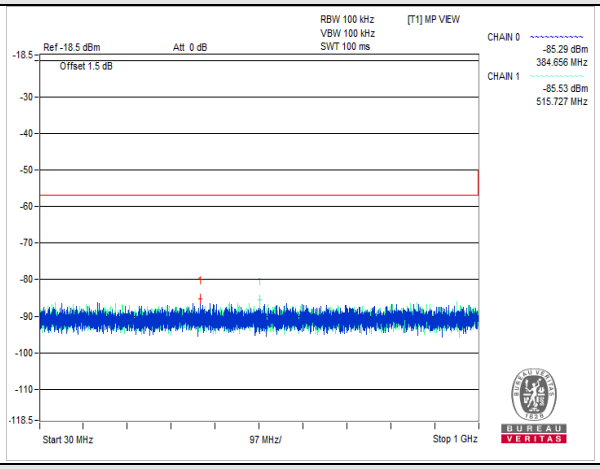


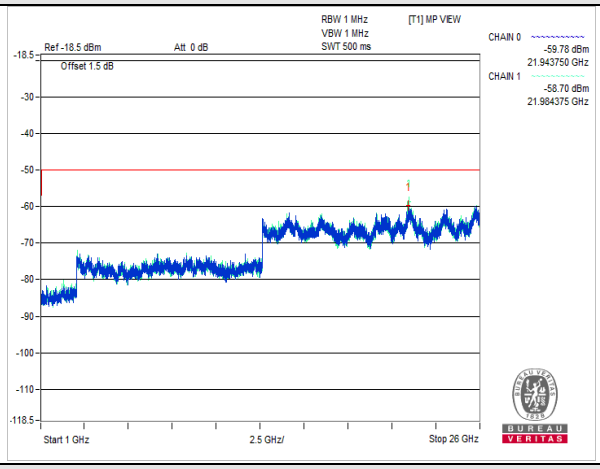
Vmax.





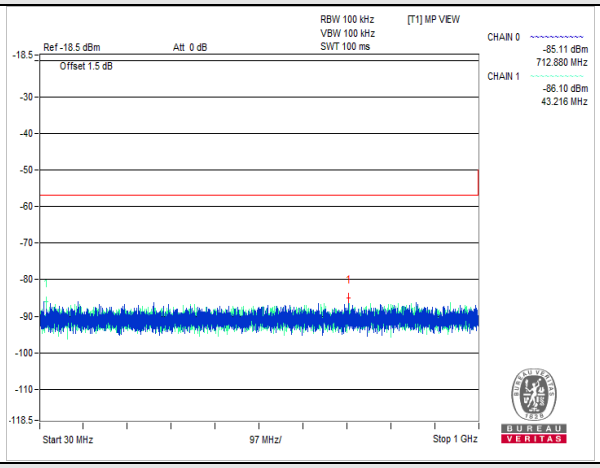
Vmin.

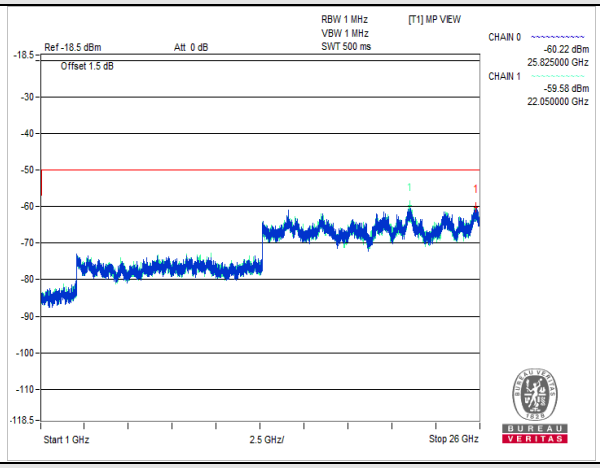




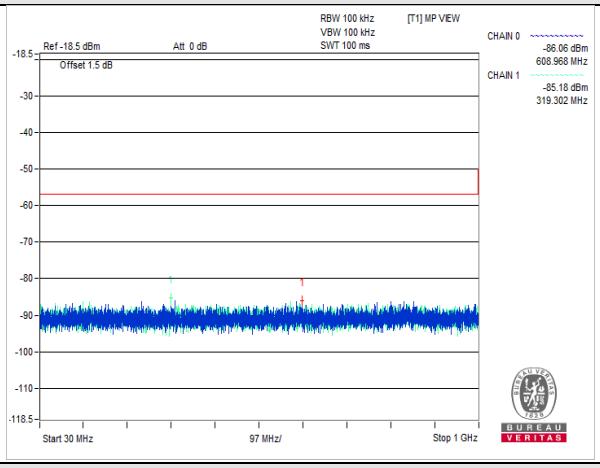
CH 122 (5610MHz)

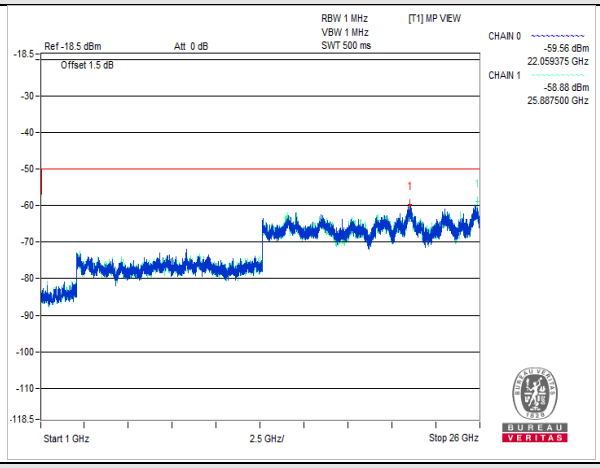
Vnormal



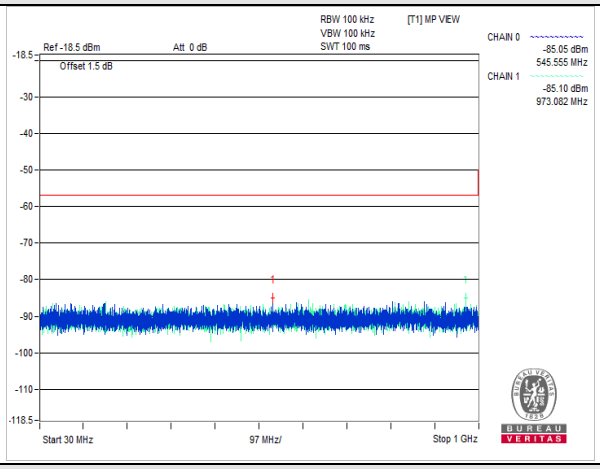


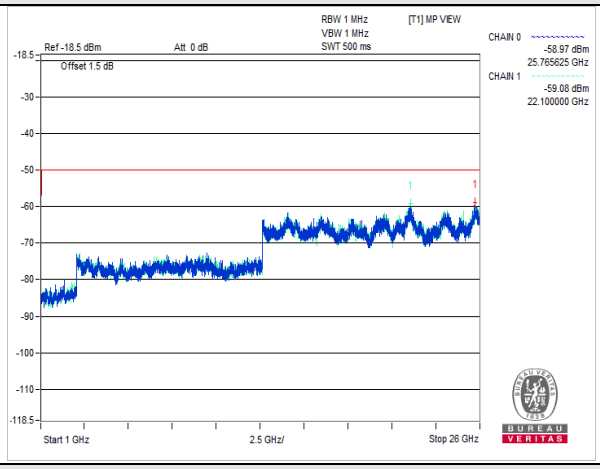
Vmax.





Vmin.





CH 138 (5690MHz)

Sum of each Chain

TEST CHANNEL		CH 42 (5210MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005734	4	PASS
	1000.0 to 26000.0	2.168429	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005402	4	PASS
	1000.0 to 26000.0	2.390509	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005049	4	PASS
	1000.0 to 26000.0	2.409986	20	PASS
TEST CHANNEL		CH 58 (5290MHz)		
V_{normal}	30.0 to 1000.0	0.004996	4	PASS
	1000.0 to 26000.0	2.595537	20	PASS
$V_{max.}$	30.0 to 1000.0	0.006038	4	PASS
	1000.0 to 26000.0	2.166405	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005255	4	PASS
	1000.0 to 26000.0	2.492334	20	PASS
TEST CHANNEL		CH 106 (5530MHz)		
V_{normal}	30.0 to 1000.0	0.005176	4	PASS
	1000.0 to 26000.0	2.302974	20	PASS
$V_{max.}$	30.0 to 1000.0	0.009990	4	PASS
	1000.0 to 26000.0	2.588367	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005796	4	PASS
	1000.0 to 26000.0	2.035228	20	PASS
TEST CHANNEL		CH 122 (5610MHz)		
V_{normal}	30.0 to 1000.0	0.005076	4	PASS
	1000.0 to 26000.0	2.295030	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005659	4	PASS
	1000.0 to 26000.0	2.236305	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005757	4	PASS
	1000.0 to 26000.0	2.400925	20	PASS
TEST CHANNEL		CH 138 (5690MHz)		
V_{normal}	30.0 to 1000.0	0.005538	4	PASS
	1000.0 to 26000.0	2.052144	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005511	4	PASS
	1000.0 to 26000.0	2.400820	20	PASS
$V_{min.}$	30.0 to 1000.0	0.006216	4	PASS
	1000.0 to 26000.0	2.503599	20	PASS

802.11ax (HE160)

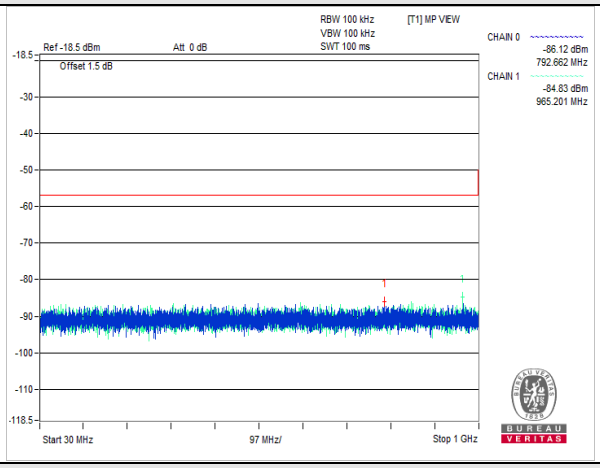
Chain A

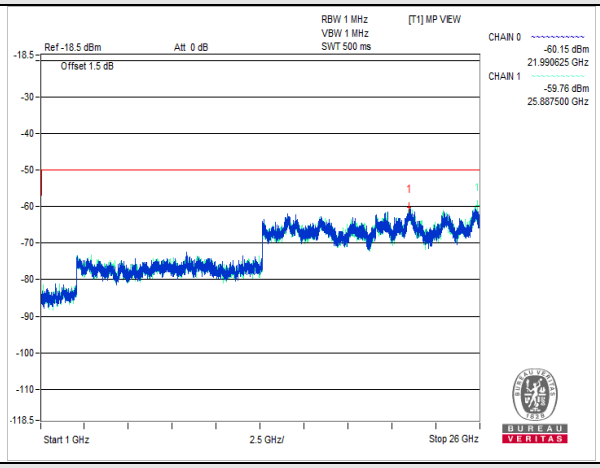
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	792.662	0.002443	2.0	PASS
	1000.0 to 26000.0	21990.625	0.966051	10.0	PASS
$V_{max.}$	30.0 to 1000.0	597.571	0.002559	2.0	PASS
	1000.0 to 26000.0	22140.625	1.140250	10.0	PASS
$V_{min.}$	30.0 to 1000.0	476.685	0.003148	2.0	PASS
	1000.0 to 26000.0	25703.125	1.361445	10.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	225.333	0.002673	2.0	PASS
	1000.0 to 26000.0	25840.625	1.114295	10.0	PASS
$V_{max.}$	30.0 to 1000.0	742.465	0.003048	2.0	PASS
	1000.0 to 26000.0	22106.250	1.099006	10.0	PASS
$V_{min.}$	30.0 to 1000.0	727.672	0.002344	2.0	PASS
	1000.0 to 26000.0	22125.000	1.032761	10.0	PASS

Chain B

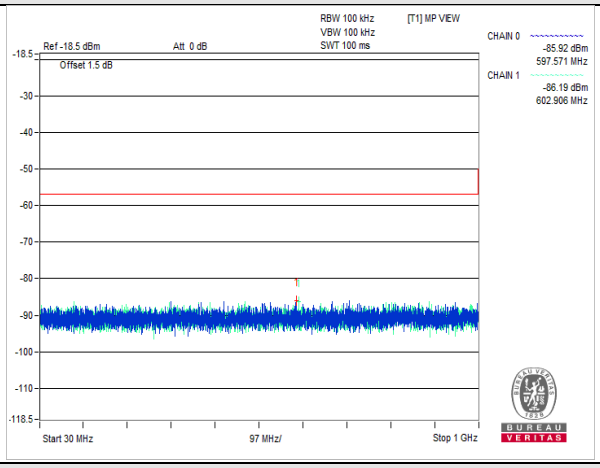
TEST CHANNEL		CH 50 (5250MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	965.201	0.003289	2.0	PASS
	1000.0 to 26000.0	25887.500	1.056818	10.0	PASS
$V_{max.}$	30.0 to 1000.0	602.906	0.002404	2.0	PASS
	1000.0 to 26000.0	22093.750	1.199499	10.0	PASS
$V_{min.}$	30.0 to 1000.0	931.978	0.002594	2.0	PASS
	1000.0 to 26000.0	25809.375	1.129796	10.0	PASS
TEST CHANNEL		CH 114 (5570MHz)			
V_{normal}	30.0 to 1000.0	592.115	0.002649	2.0	PASS
	1000.0 to 26000.0	25840.625	1.342765	10.0	PASS
$V_{max.}$	30.0 to 1000.0	320.878	0.002655	2.0	PASS
	1000.0 to 26000.0	25831.250	1.049542	10.0	PASS
$V_{min.}$	30.0 to 1000.0	309.117	0.003192	2.0	PASS
	1000.0 to 26000.0	22081.250	0.997700	10.0	PASS

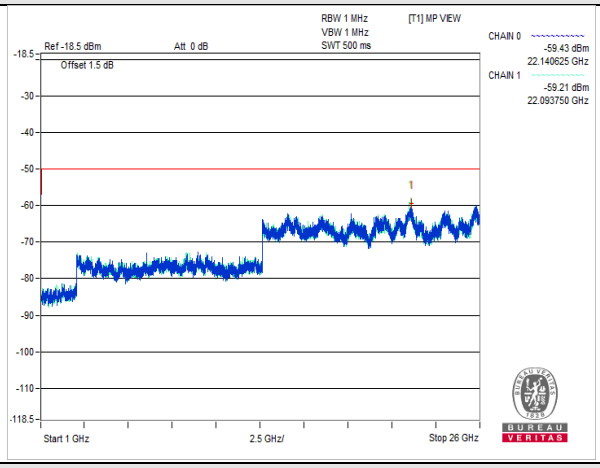
Vnormal



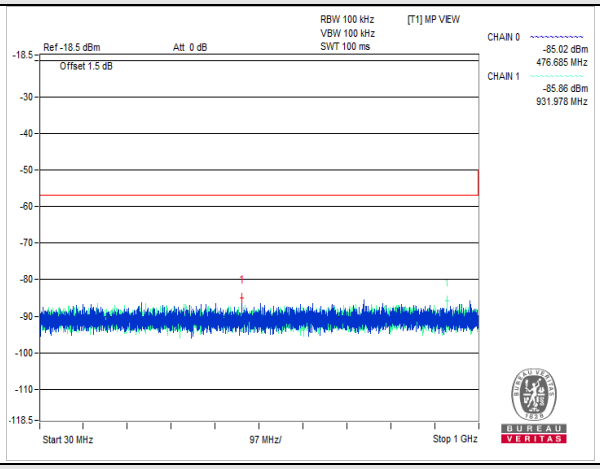


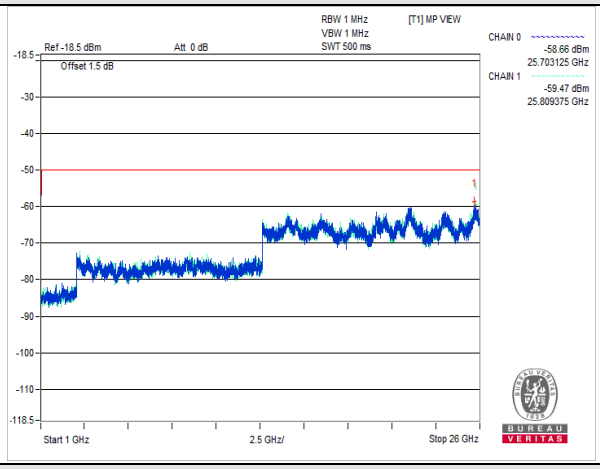
Vmax.





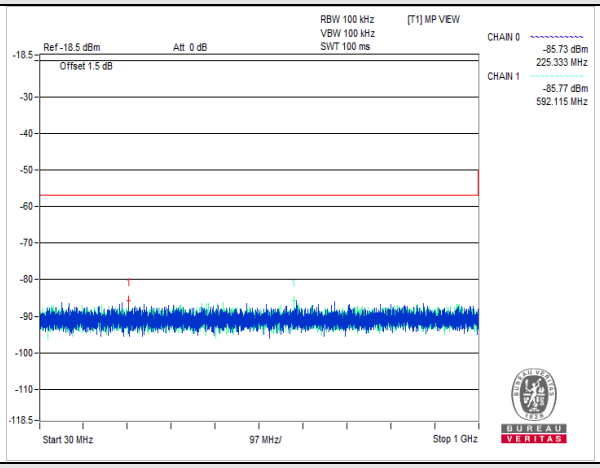
Vmin.

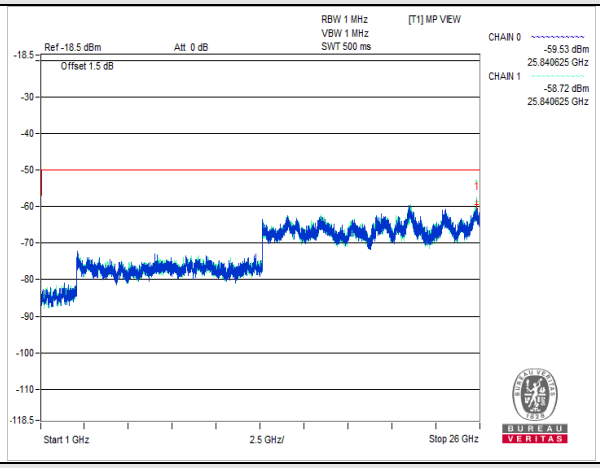




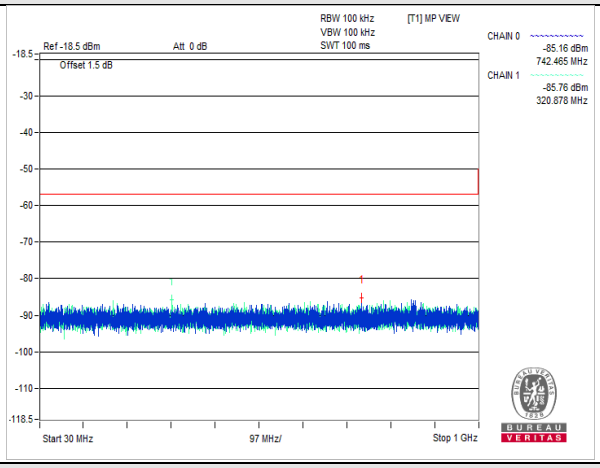
CH 50 (5250MHz)

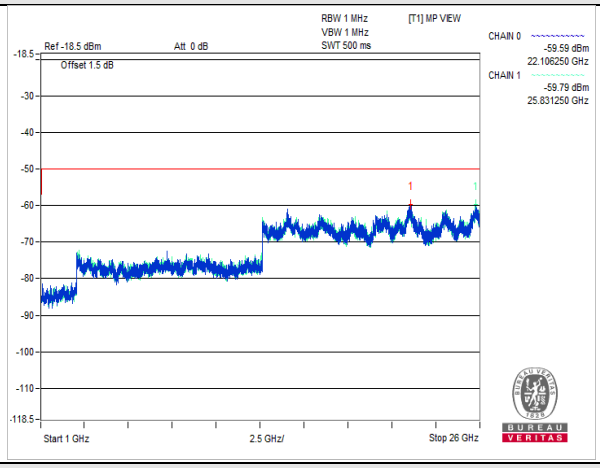
Vnormal



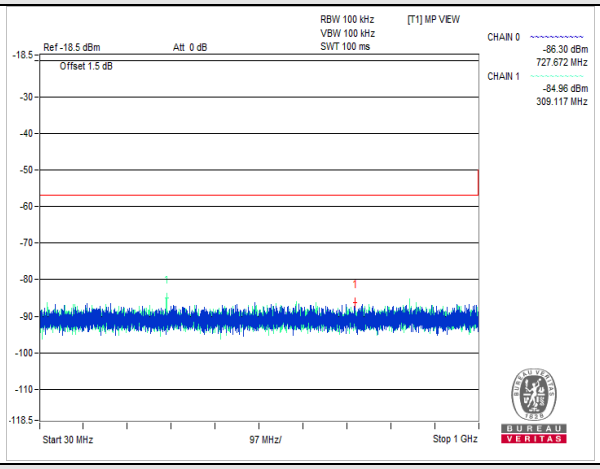


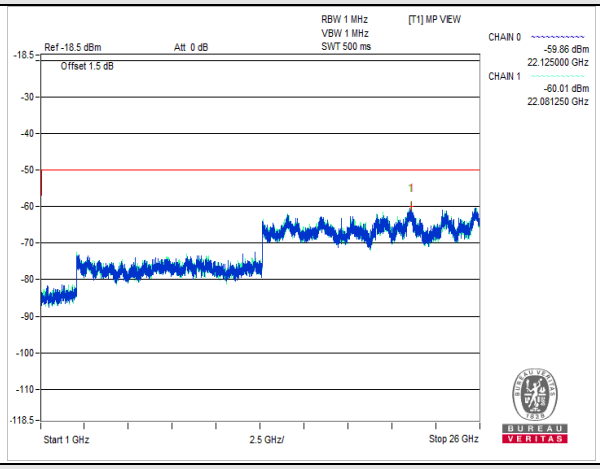
Vmax.





Vmin.





CH 114 (5570MHz)

Sum of each Chain

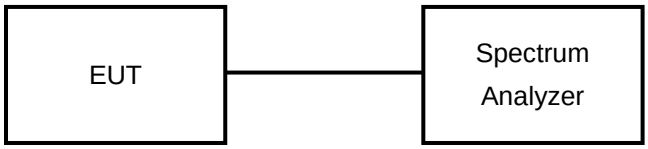
TEST CHANNEL		CH 50 (5250MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (nW)	LIMIT (nW)	RESULT
V_{normal}	30.0 to 1000.0	0.005732	4	PASS
	1000.0 to 26000.0	2.022869	20	PASS
$V_{max.}$	30.0 to 1000.0	0.004963	4	PASS
	1000.0 to 26000.0	2.339749	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005742	4	PASS
	1000.0 to 26000.0	2.491241	20	PASS
TEST CHANNEL		CH 114 (5570MHz)		
V_{normal}	30.0 to 1000.0	0.005322	4	PASS
	1000.0 to 26000.0	2.457060	20	PASS
$V_{max.}$	30.0 to 1000.0	0.005703	4	PASS
	1000.0 to 26000.0	2.148548	20	PASS
$V_{min.}$	30.0 to 1000.0	0.005536	4	PASS
	1000.0 to 26000.0	2.030461	20	PASS

4.7 Burst Length

4.7.1 Limits of Burst Length

Frequencies (MHz)	Limit
Transmitter Operating	≦ 8 ms

4.7.2 Test Setup



4.7.3 Test Result

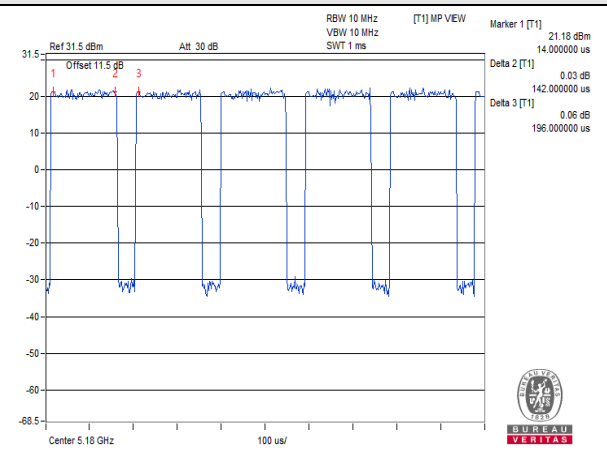
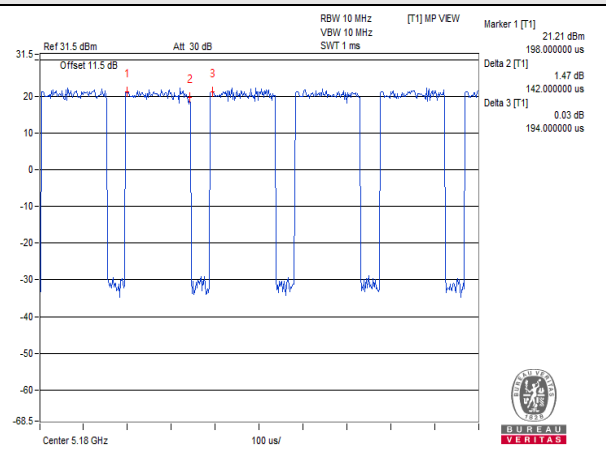
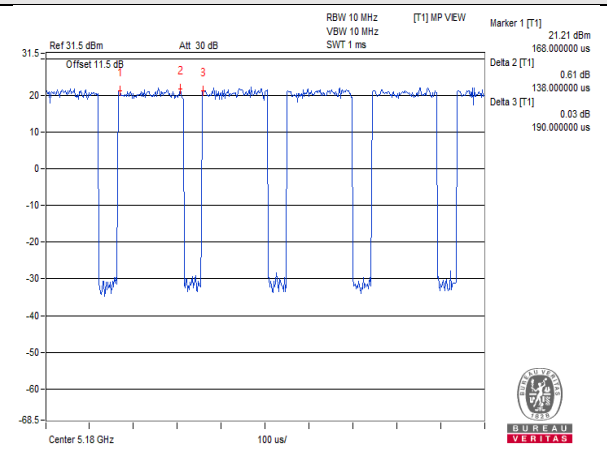
W52, W53 & W56 bands:

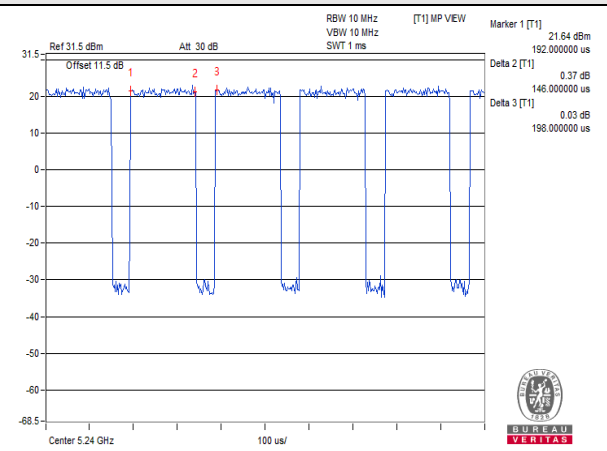
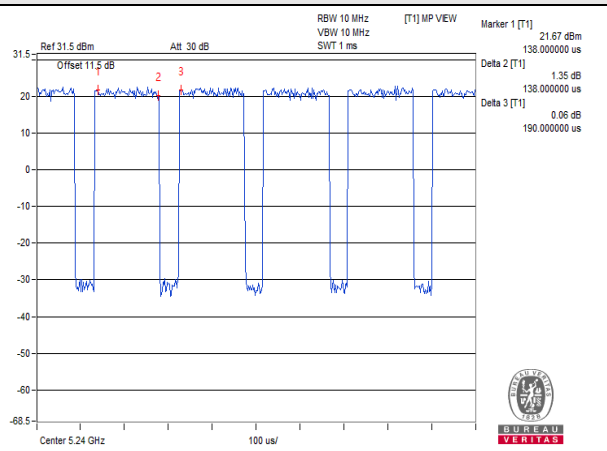
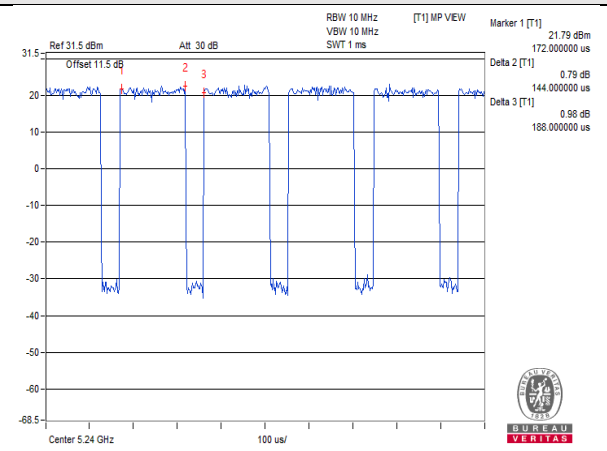
802.11a

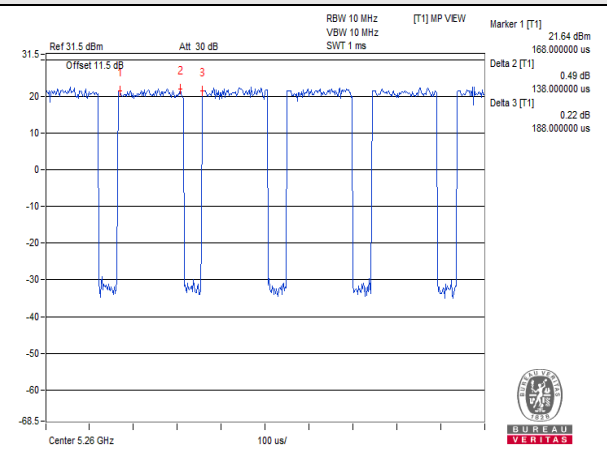
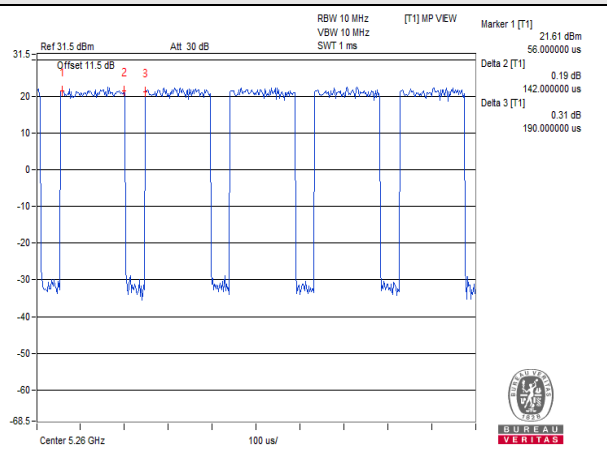
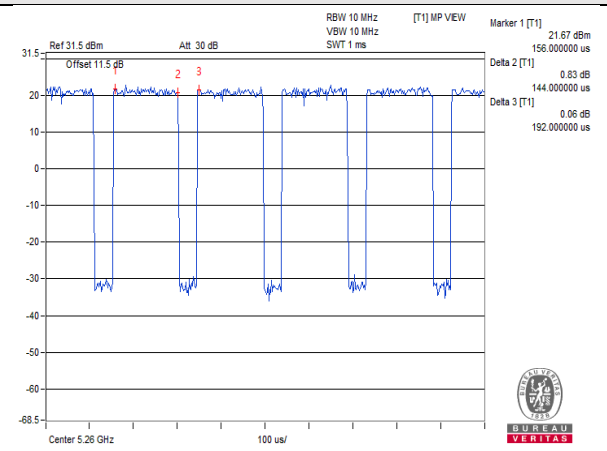
Chain A

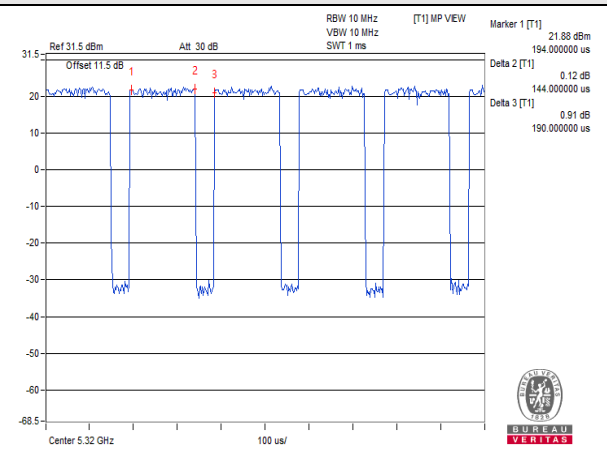
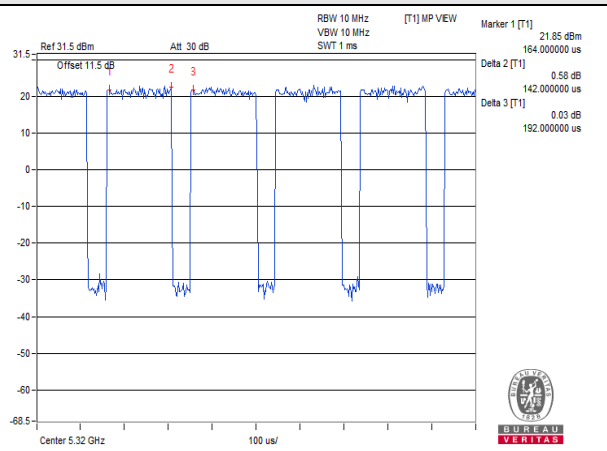
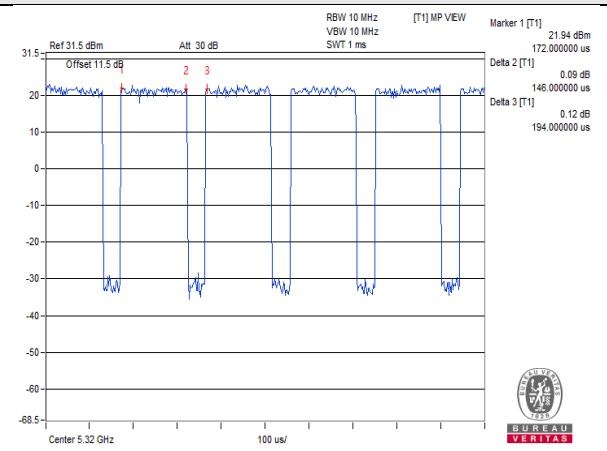
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.14	0.14	0.13	0.14
$V_{max.}$	0.14	0.13	0.14	0.14
$V_{min.}$	0.13	0.14	0.14	0.14
Limit	≦8ms			

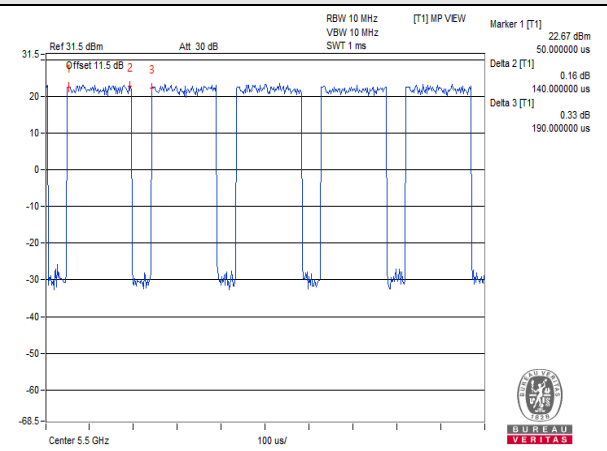
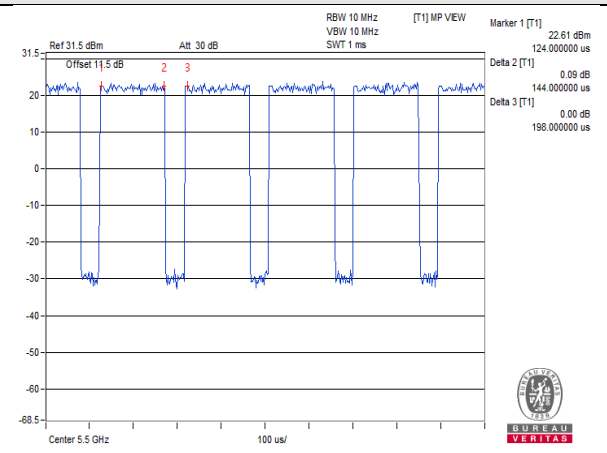
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.14	0.14	0.14
$V_{max.}$	0.14	0.14	0.14
$V_{min.}$	0.14	0.14	0.14
Limit	≦8ms		

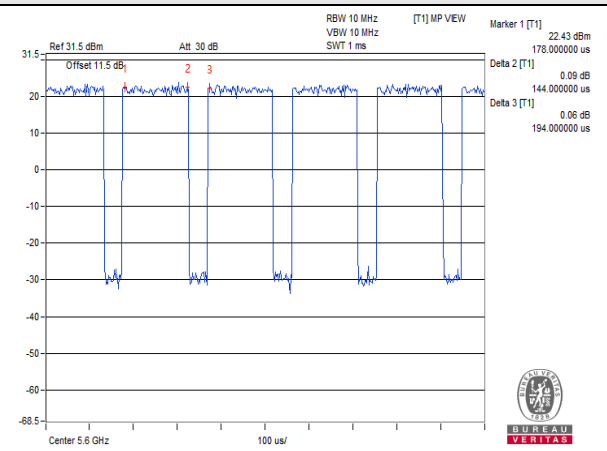
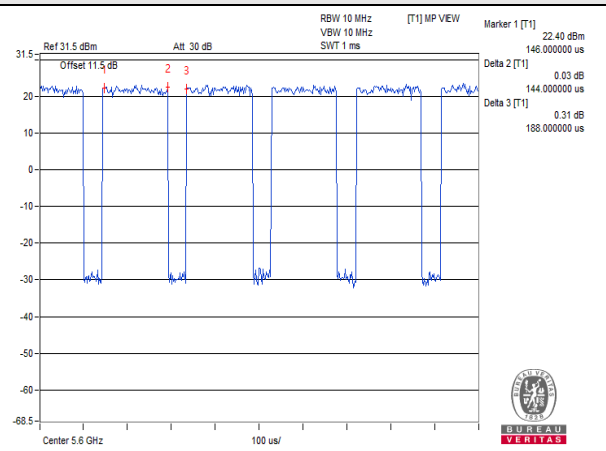
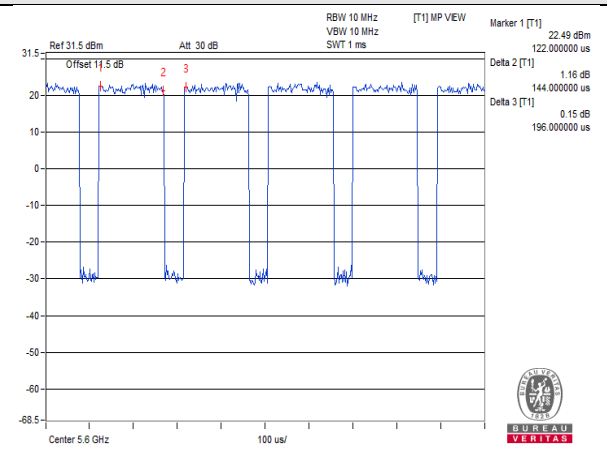
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

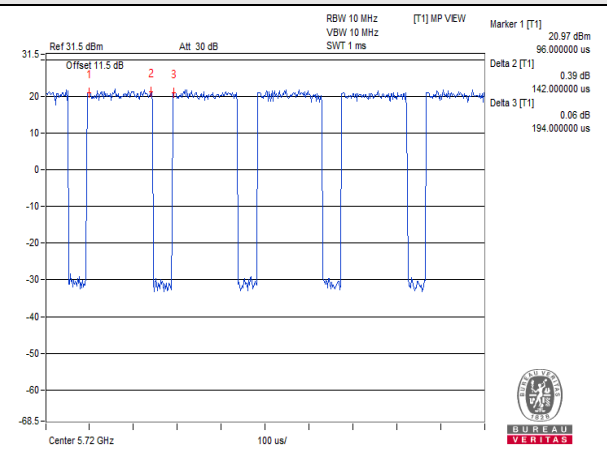
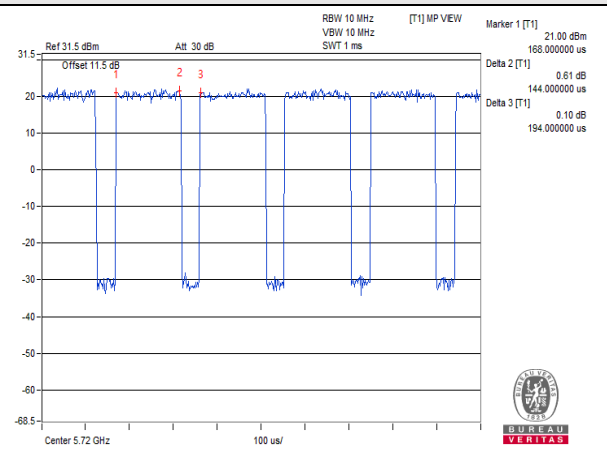
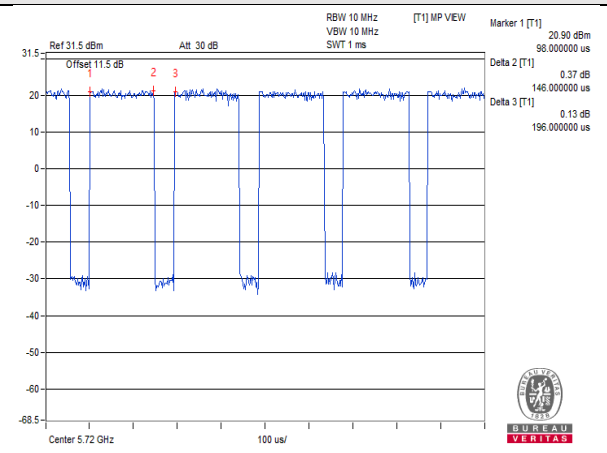
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

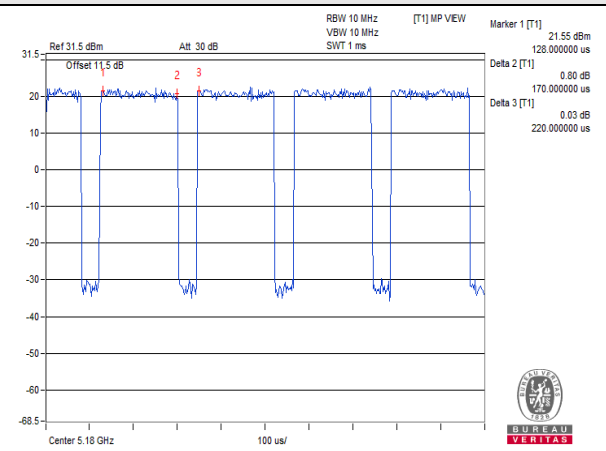
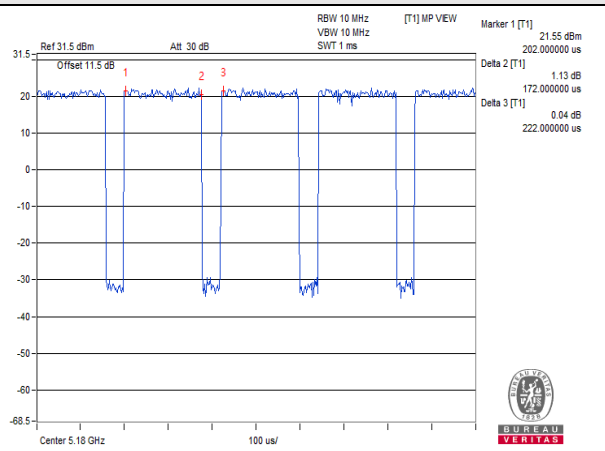
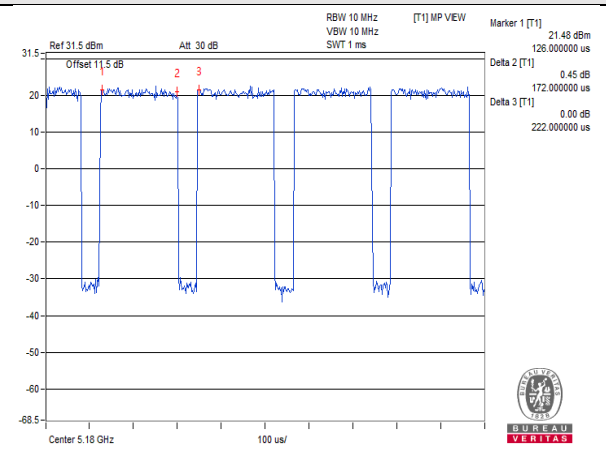
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

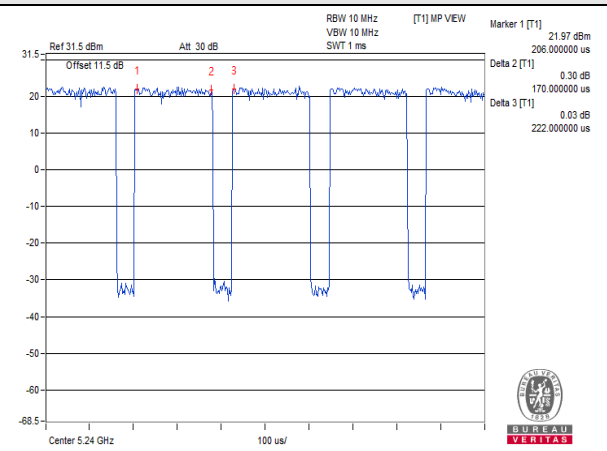
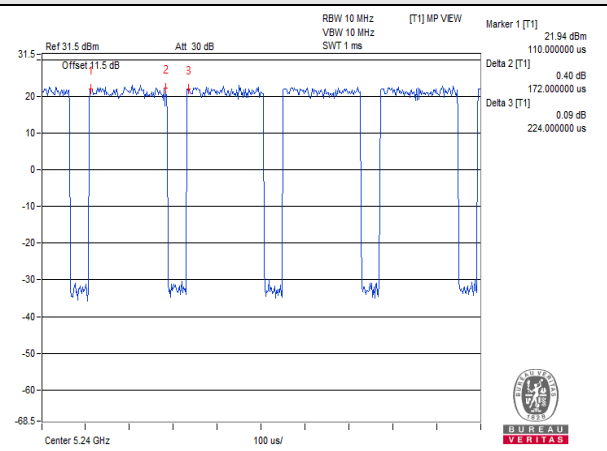
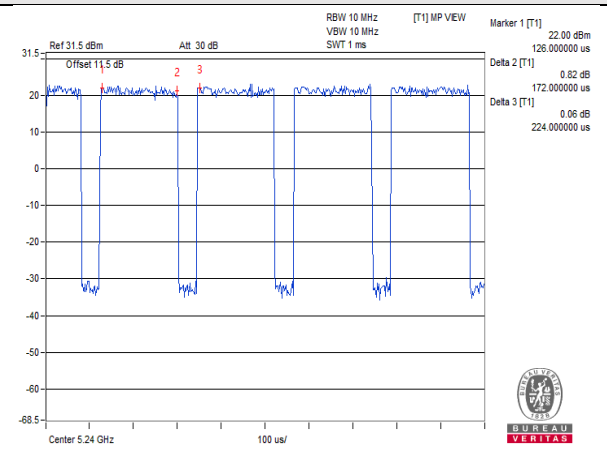
802.11n (HT20)

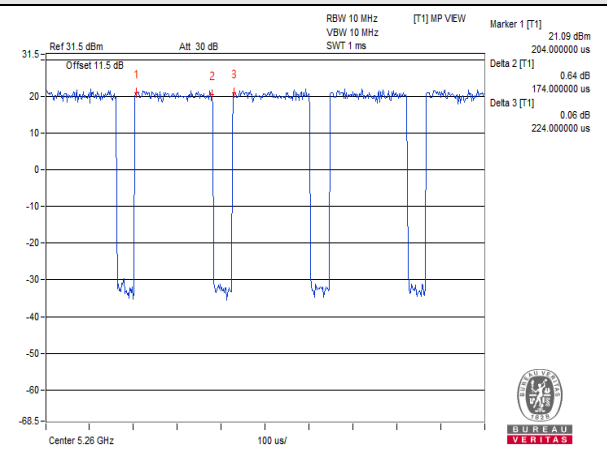
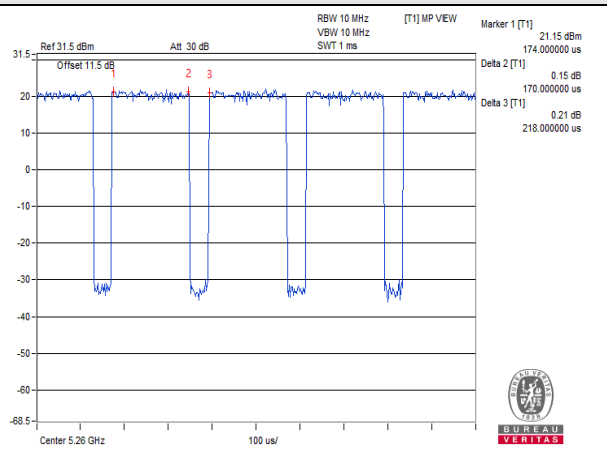
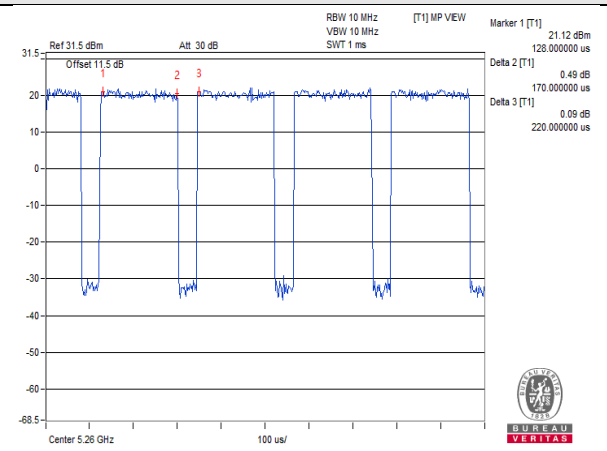
Chain A

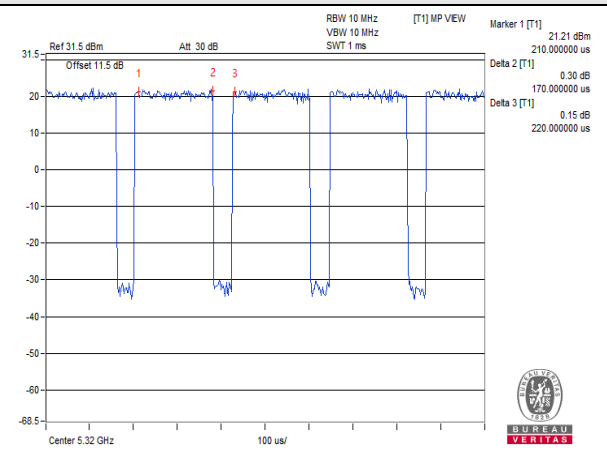
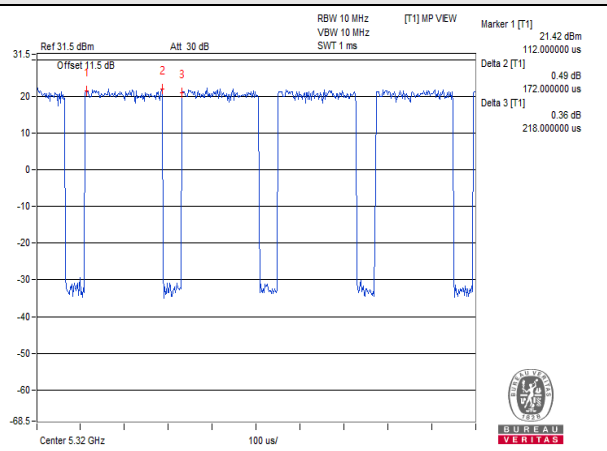
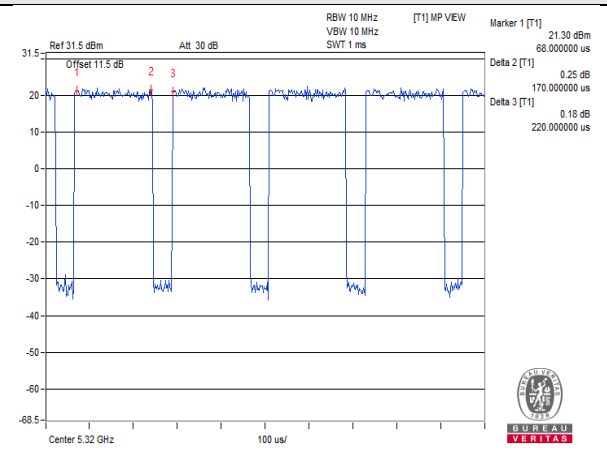
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.17	0.17	0.17	0.17
$V_{max.}$	0.17	0.17	0.17	0.17
$V_{min.}$	0.17	0.17	0.17	0.17
Limit	≦8ms			

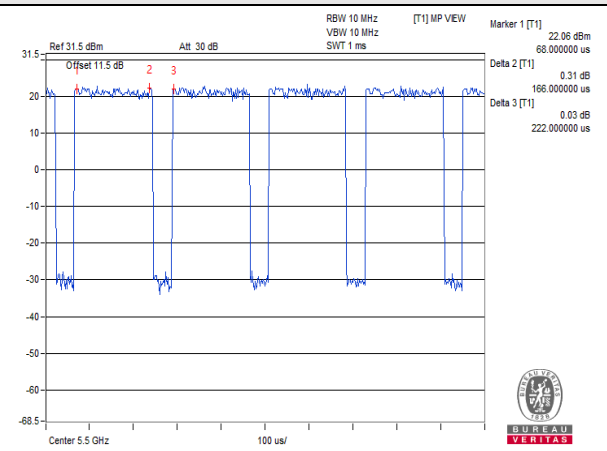
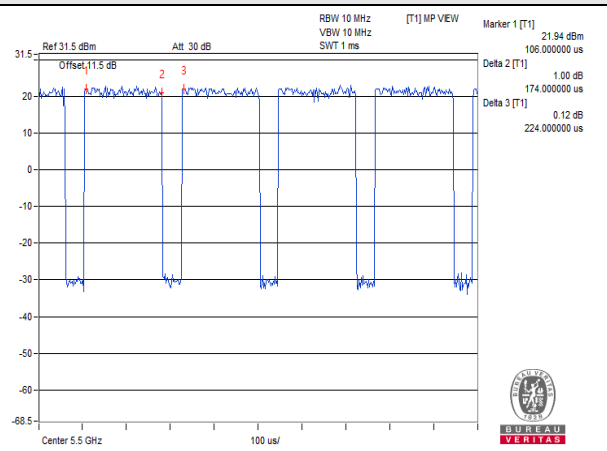
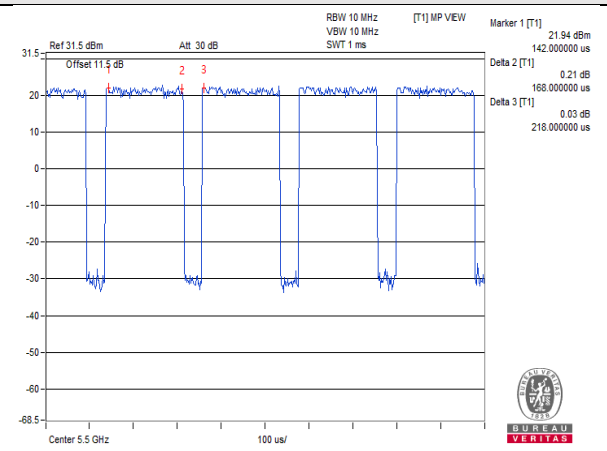
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.16	0.17	0.17
$V_{max.}$	0.17	0.17	0.16
$V_{min.}$	0.16	0.17	0.17
Limit	≦8ms		

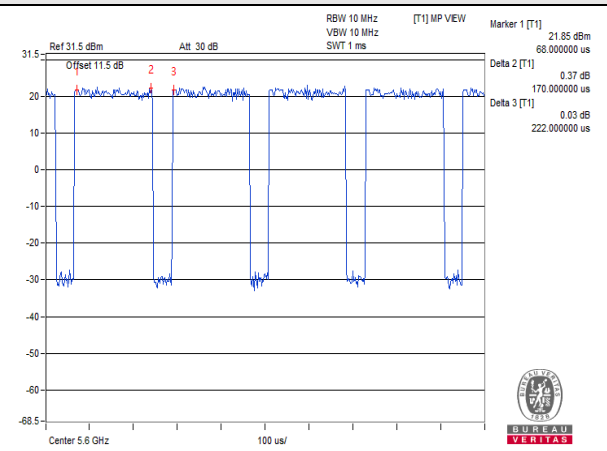
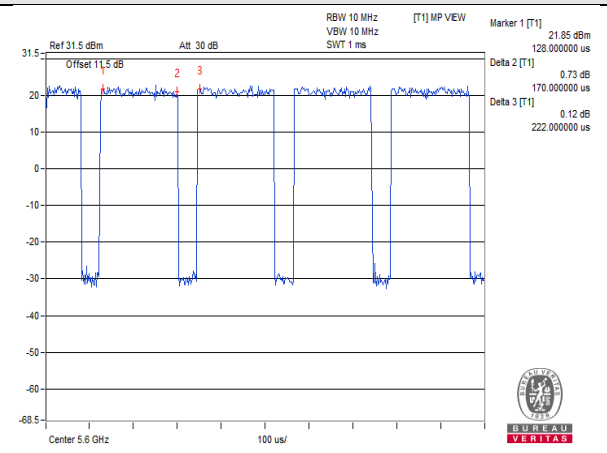
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

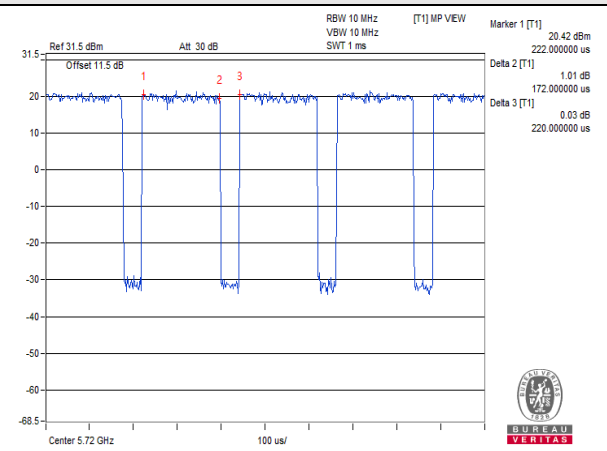
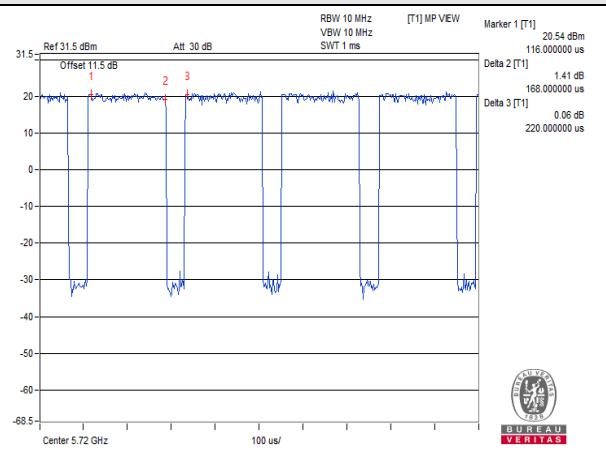
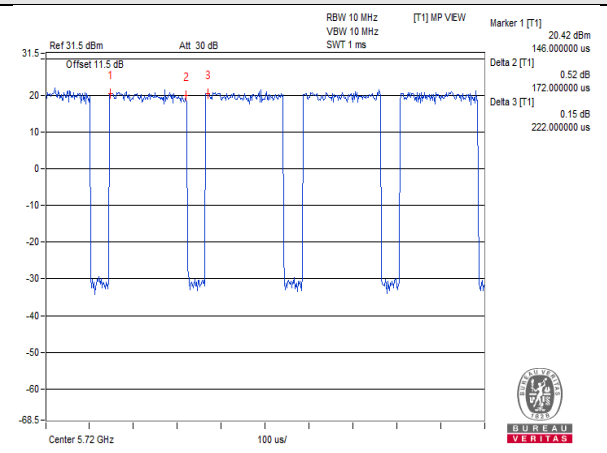
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

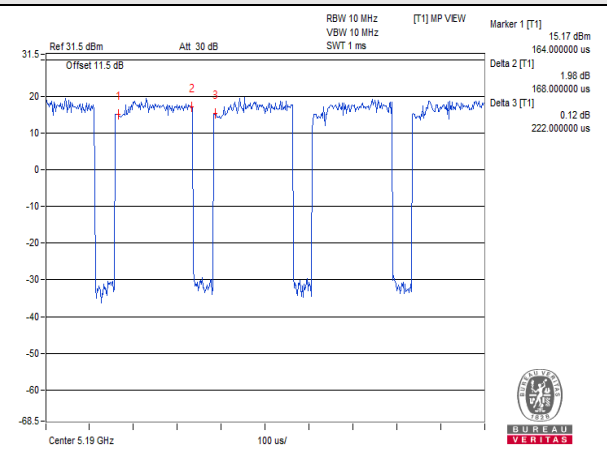
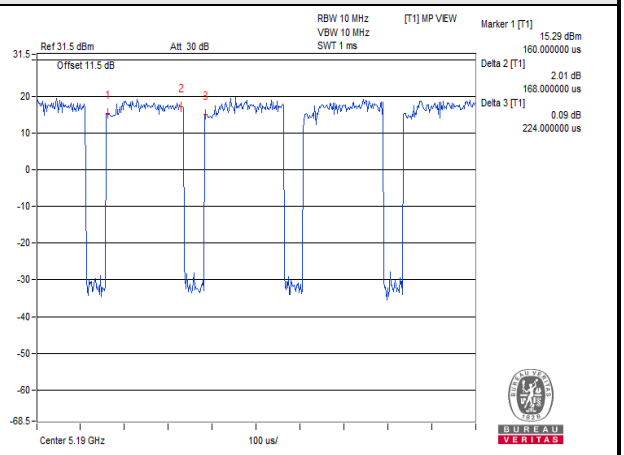
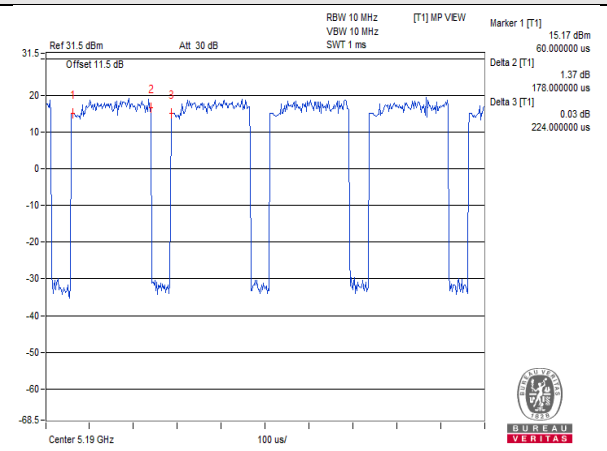
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

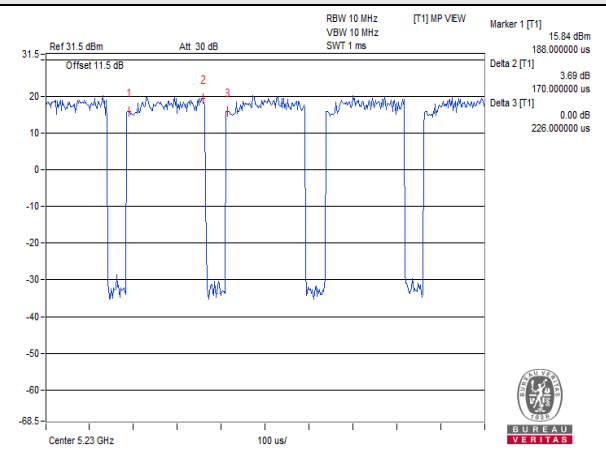
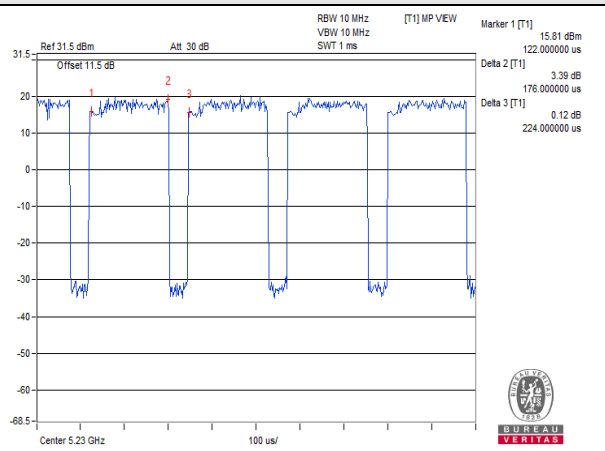
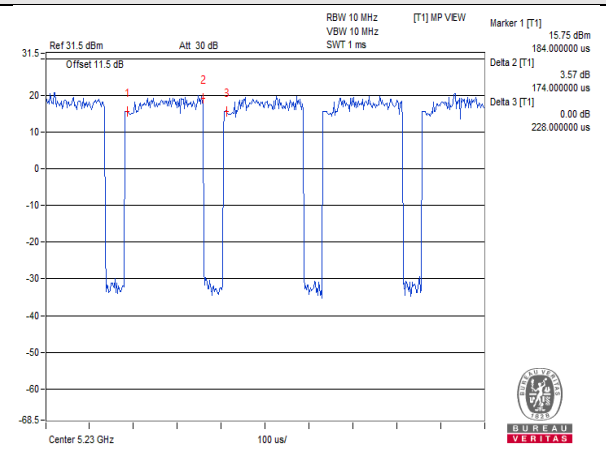
802.11n (HT40)

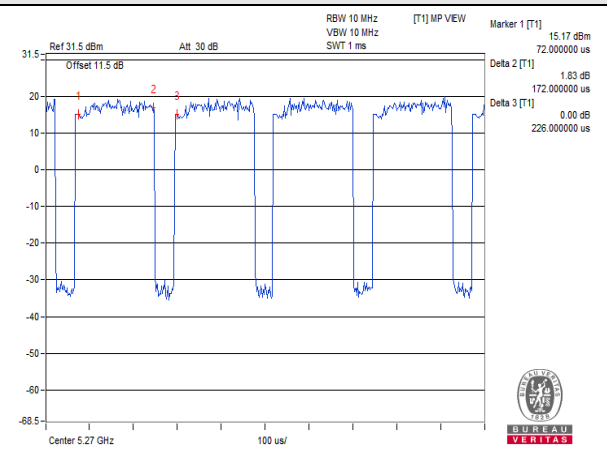
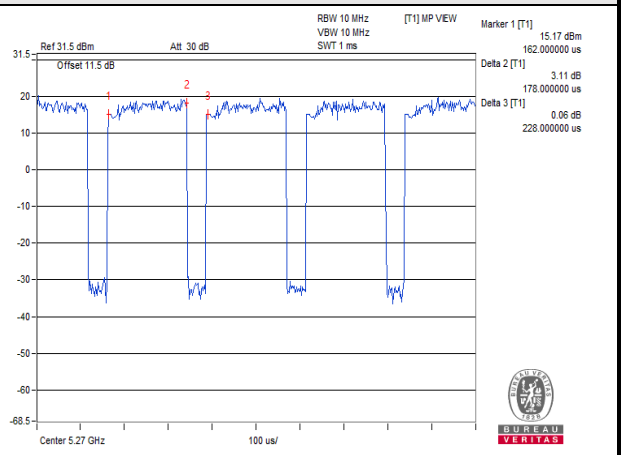
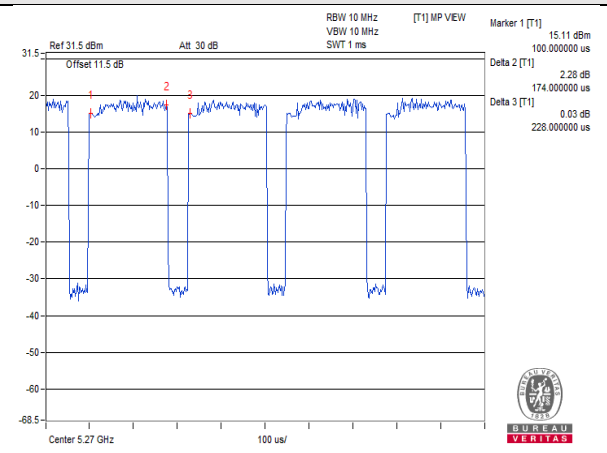
Chain A

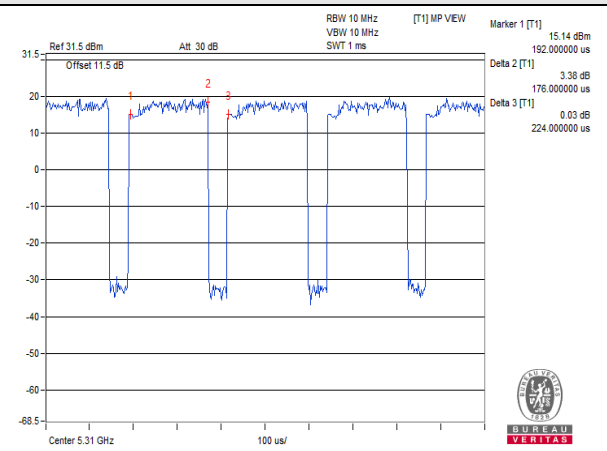
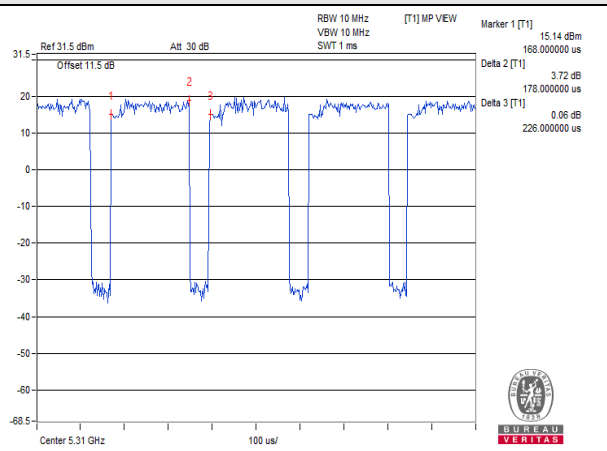
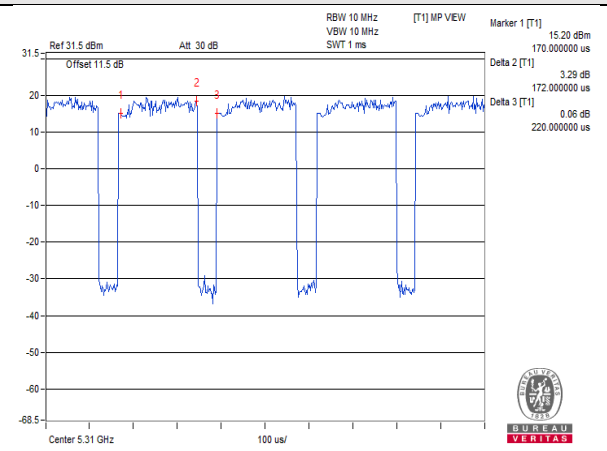
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.16	0.17	0.17	0.17
$V_{max.}$	0.16	0.17	0.17	0.17
$V_{min.}$	0.17	0.17	0.17	0.17
Limit	≦8ms			

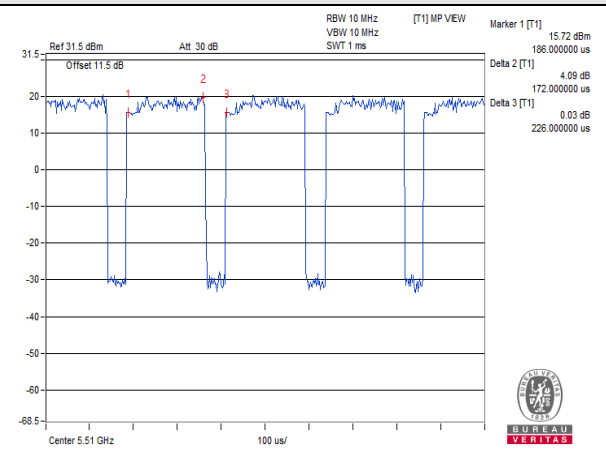
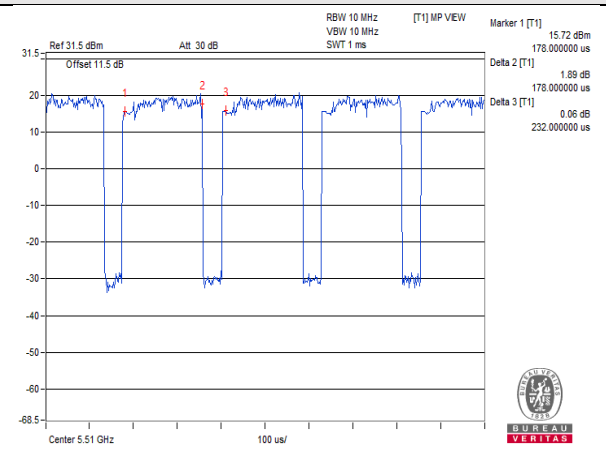
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.17	0.17	0.17
$V_{max.}$	0.17	0.17	0.17
$V_{min.}$	0.17	0.17	0.17
Limit	≦8ms		

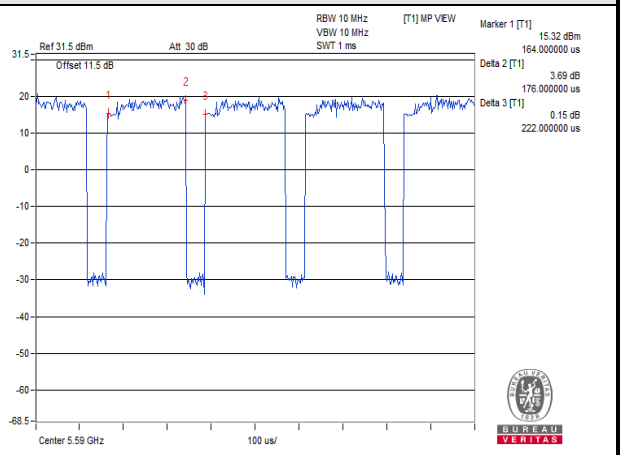
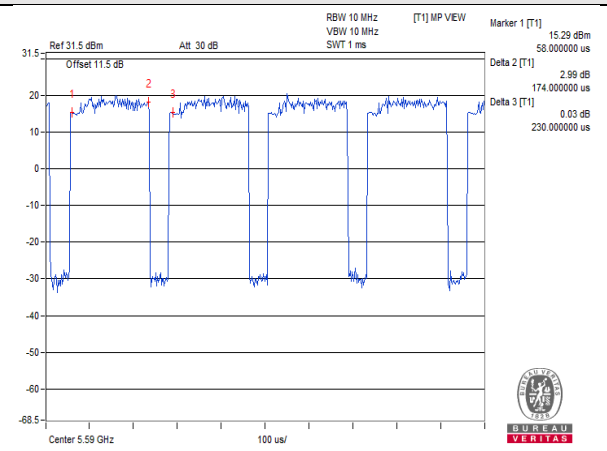
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

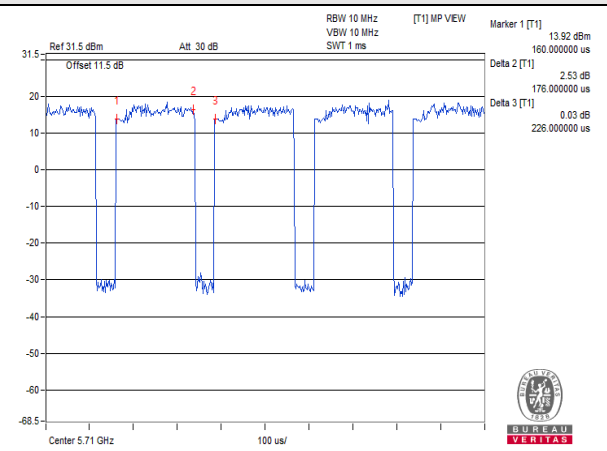
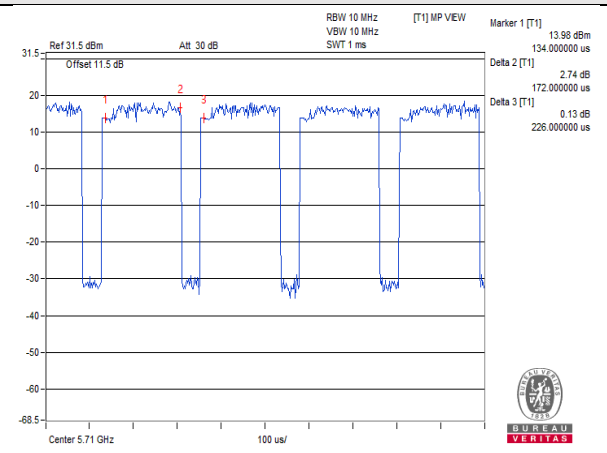
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

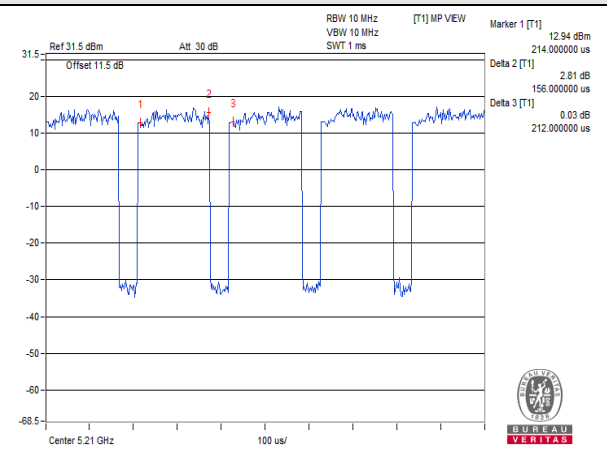
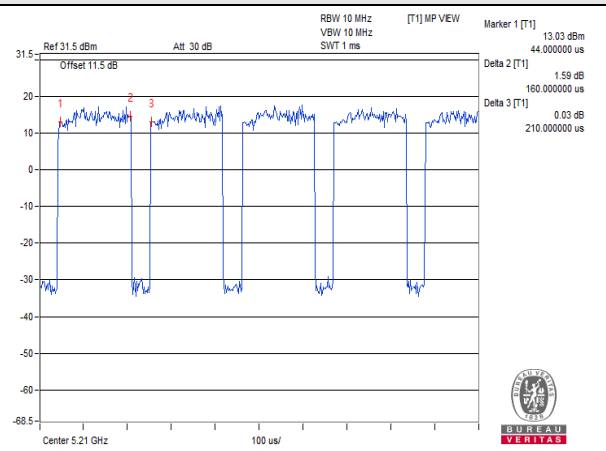
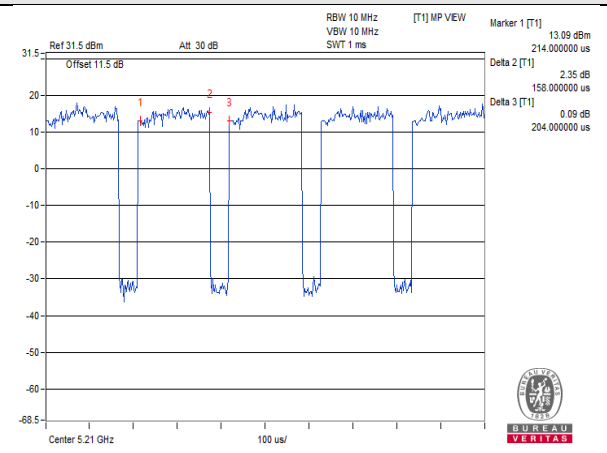
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

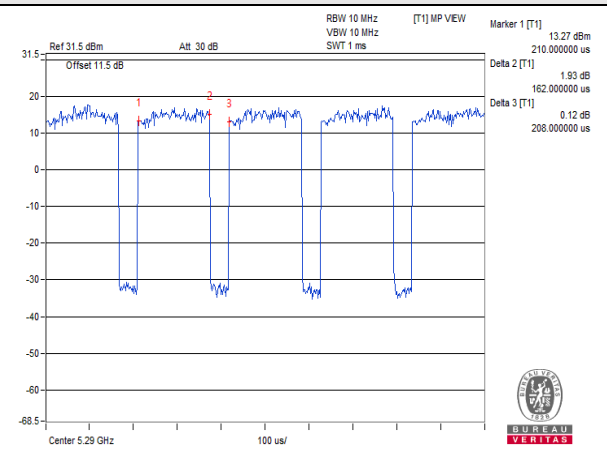
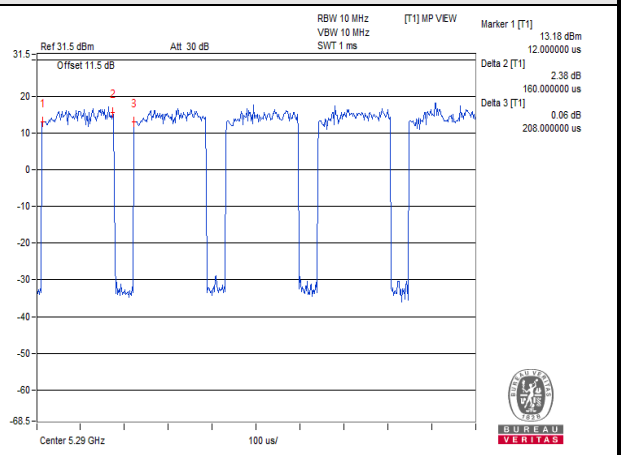
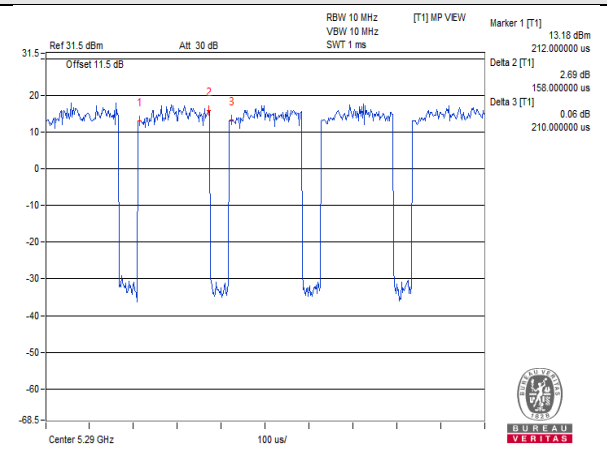
802.11ac (VHT80)

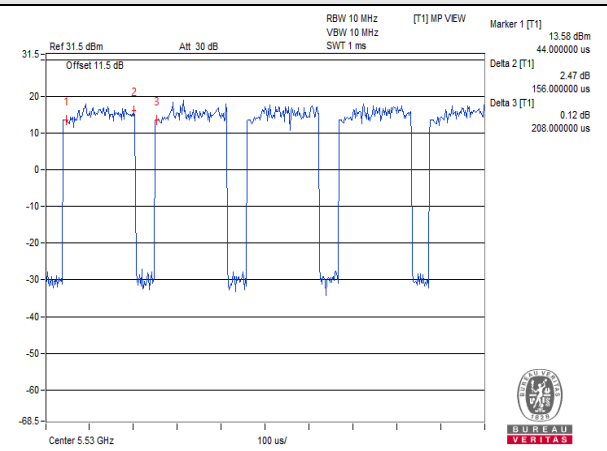
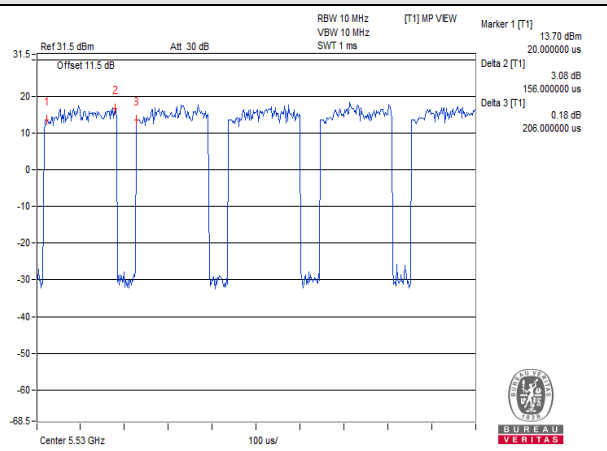
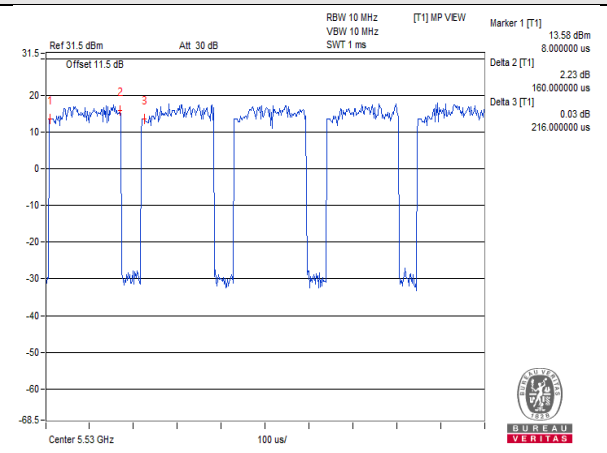
Chain A

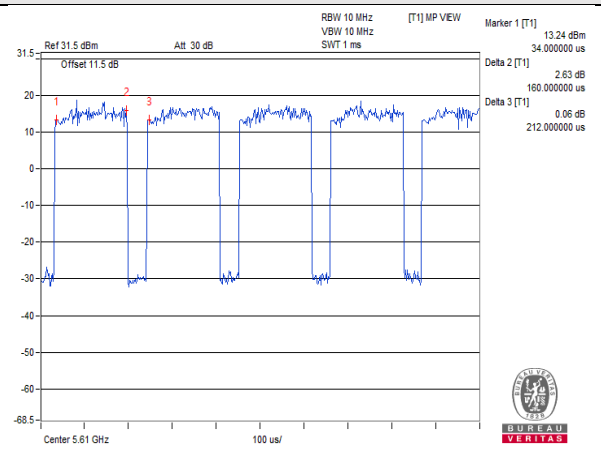
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.15	0.16	0.15	0.16
$V_{max.}$	0.16	0.16	0.15	0.15
$V_{min.}$	0.15	0.15	0.16	0.16
Limit	≦8ms			

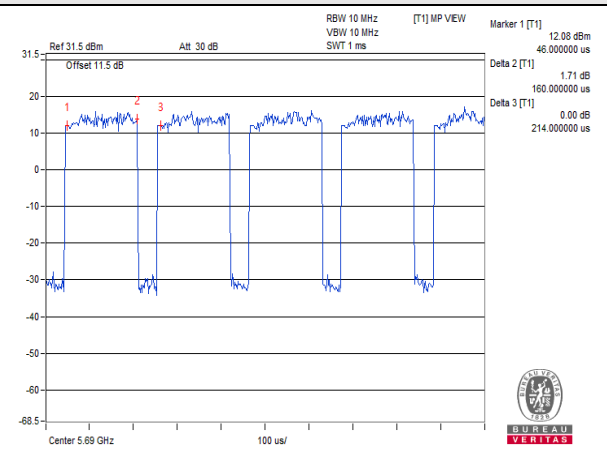
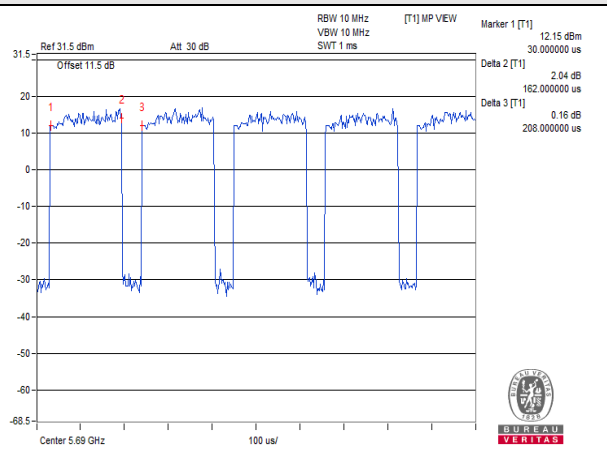
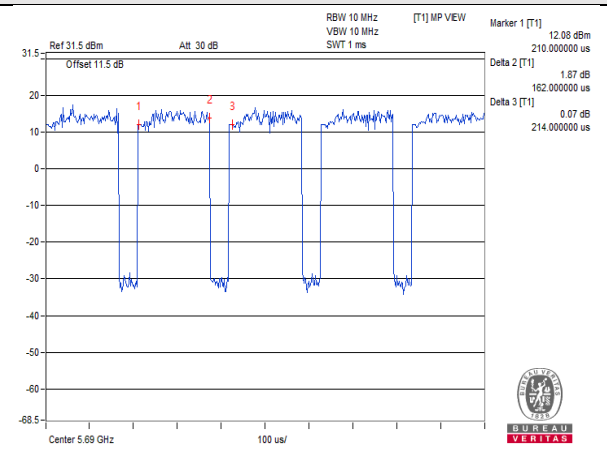
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.16
$V_{min.}$	0.16
Limit	≦8ms

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)	

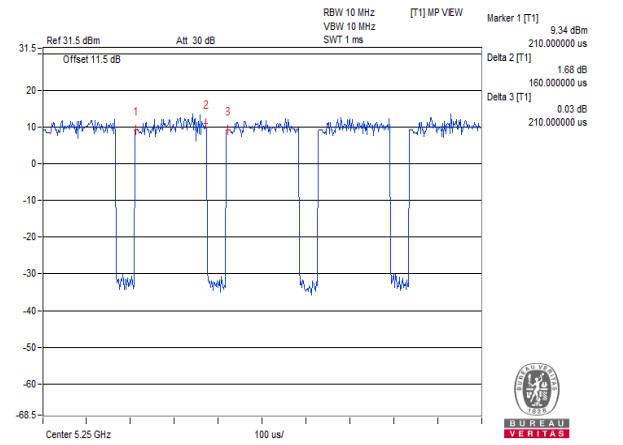
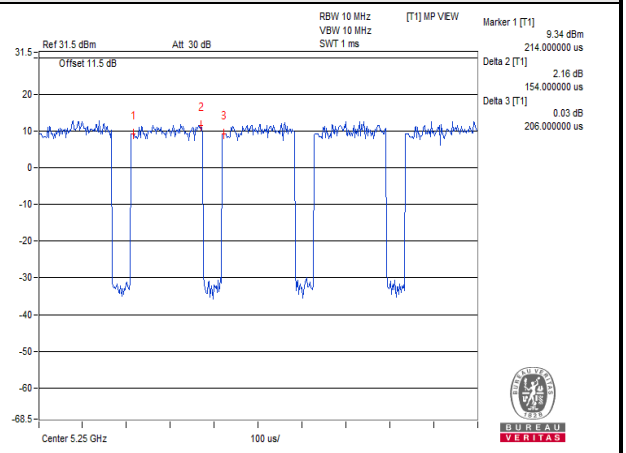
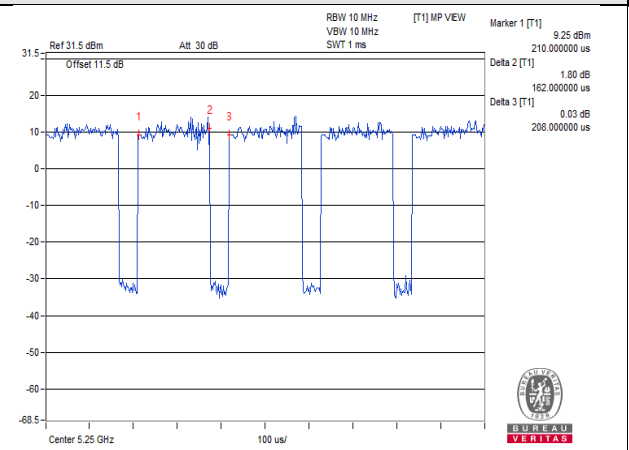
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 122 (5610MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

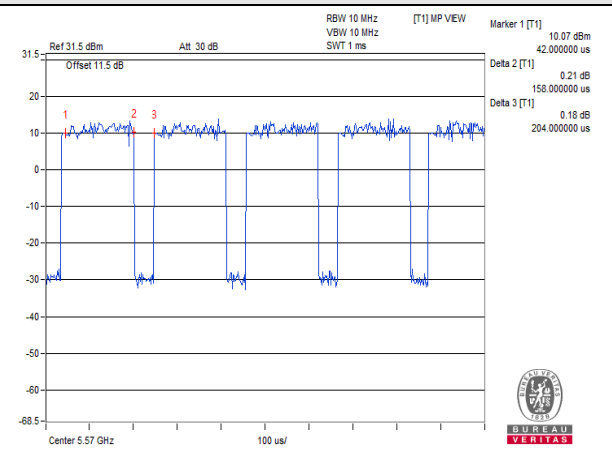
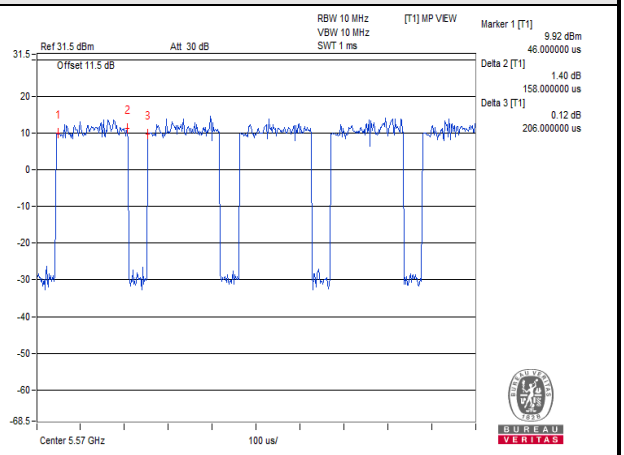
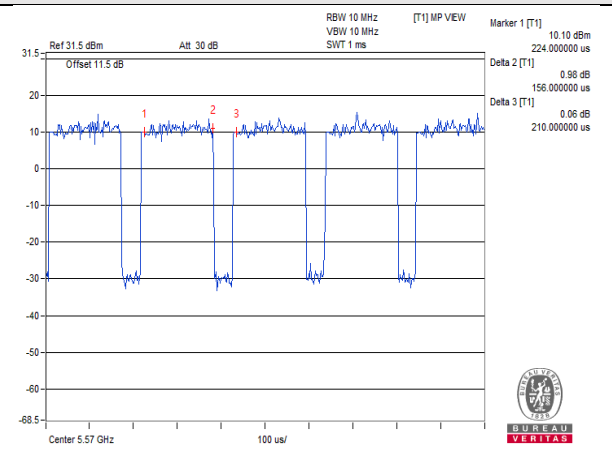
802.11ac (VHT160)

Chain A

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
$\mathbf{V}_{normal}$	0.16	0.15
$\mathbf{V}_{max.}$	0.15	0.15
$\mathbf{V}_{min.}$	0.16	0.15
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	

CH 50 (5250MHz)

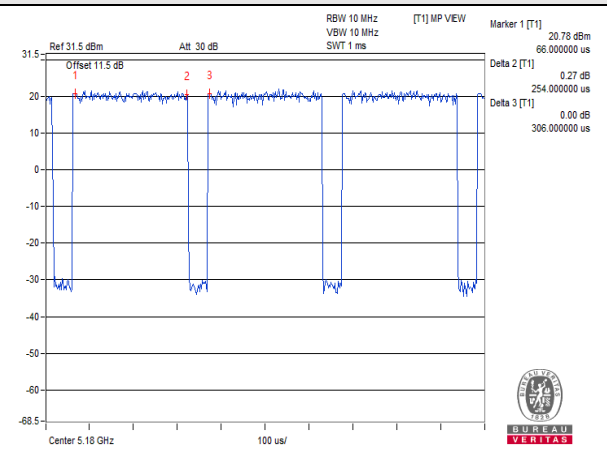
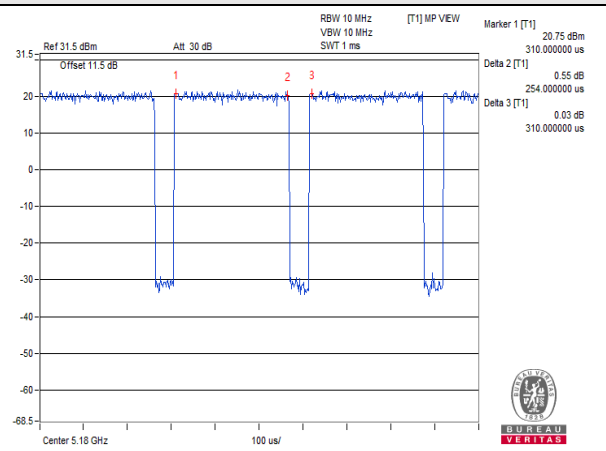
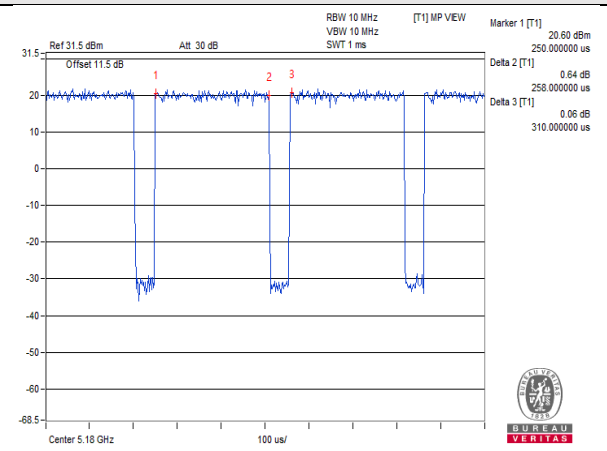
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

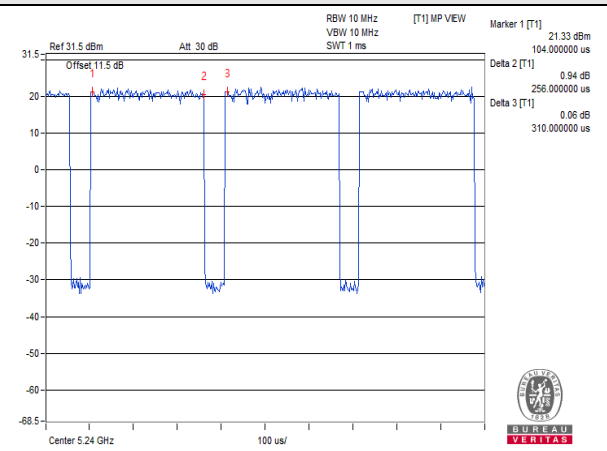
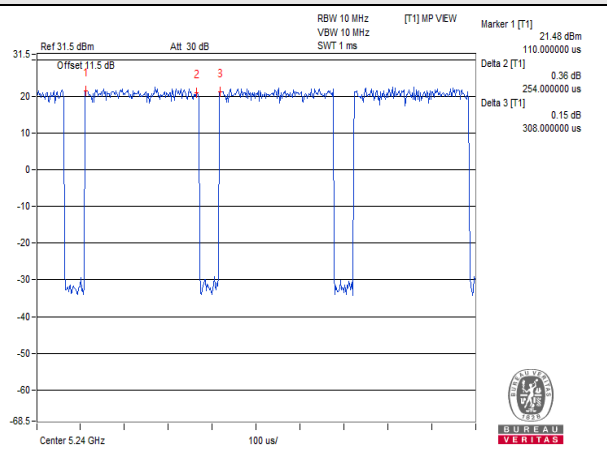
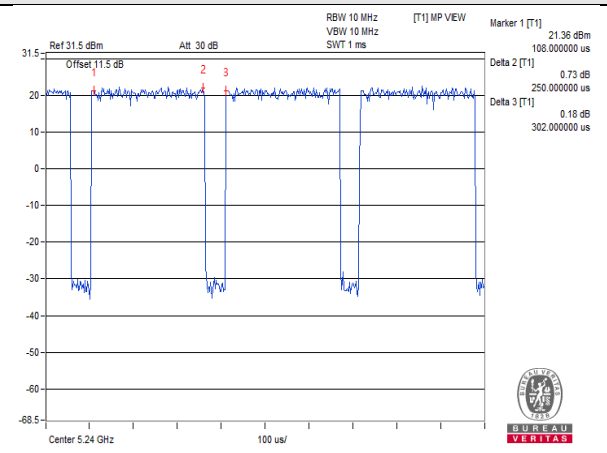
802.11ax (HE20)

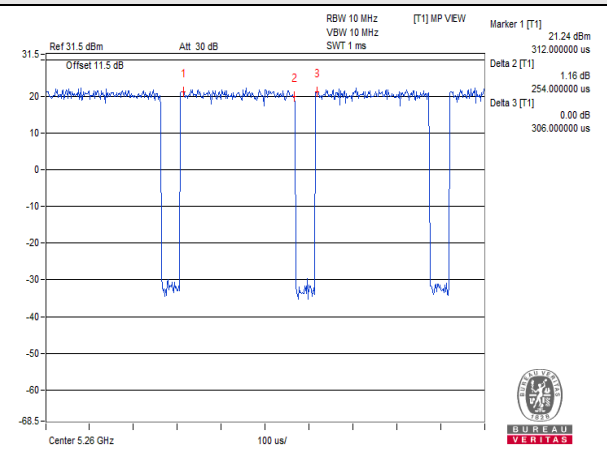
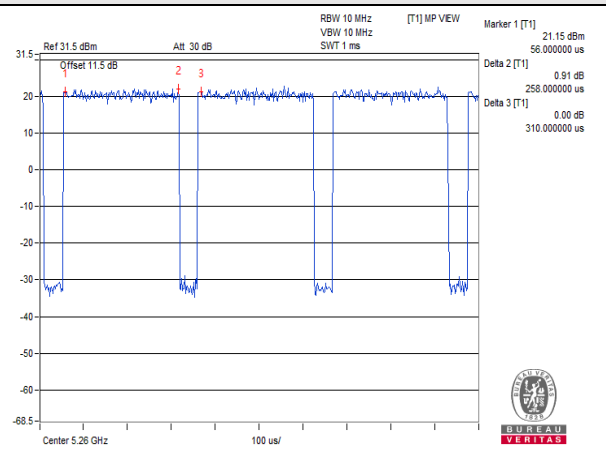
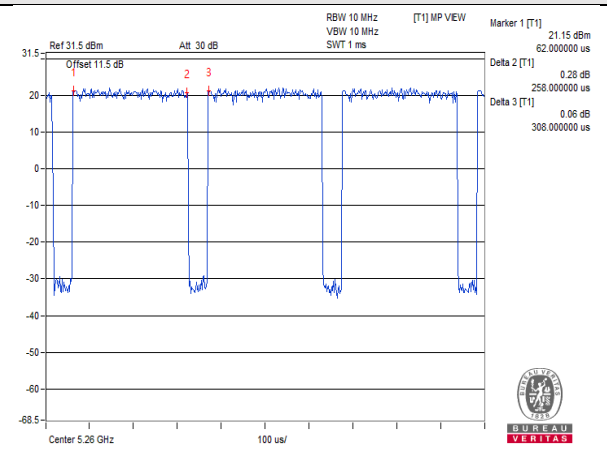
Chain A

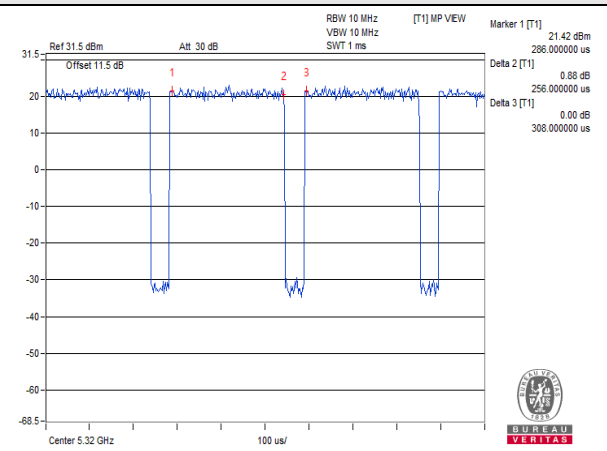
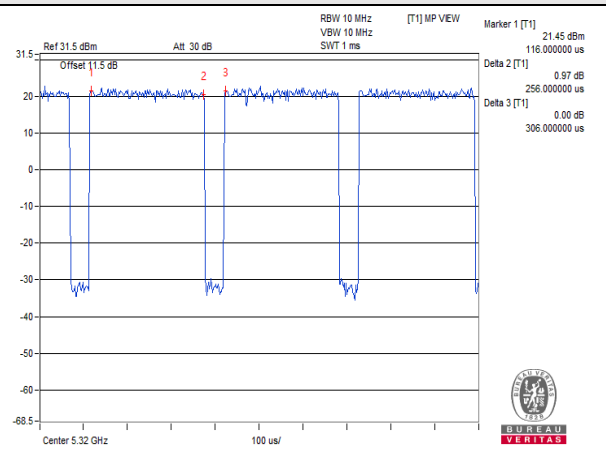
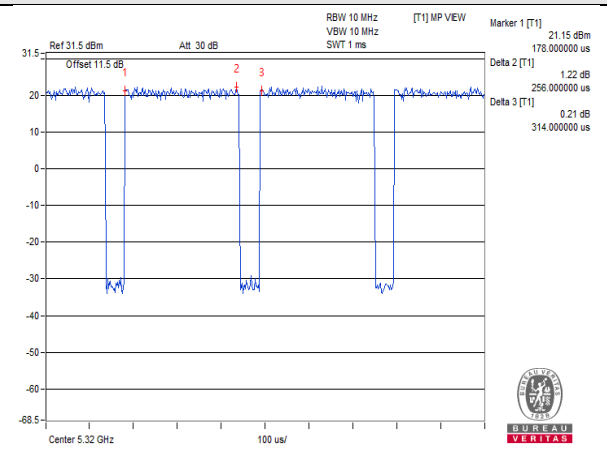
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.25	0.25	0.25	0.25
$V_{max.}$	0.25	0.25	0.25	0.25
$V_{min.}$	0.25	0.25	0.25	0.25
Limit	≦8ms			

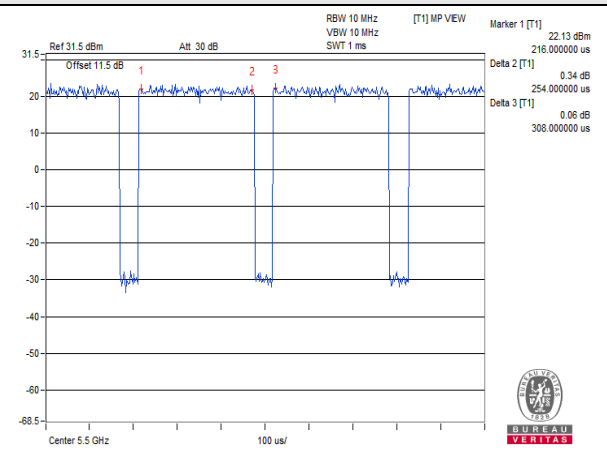
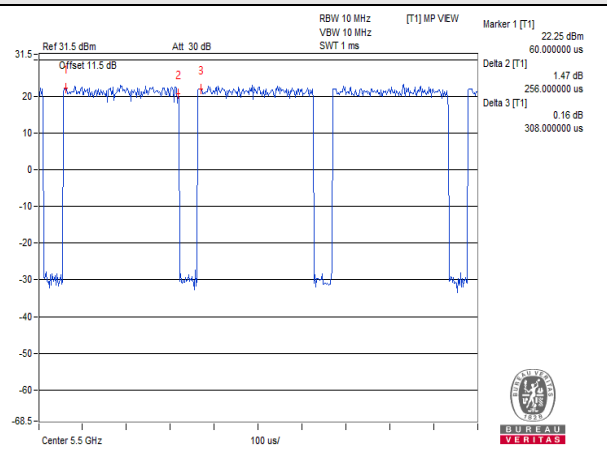
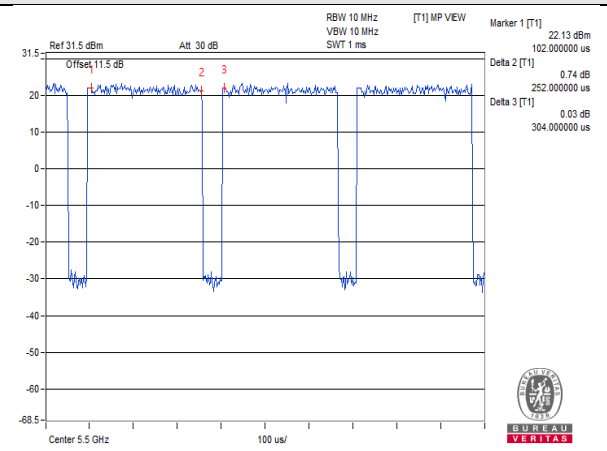
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.25	0.25	0.25
$V_{max.}$	0.25	0.25	0.24
$V_{min.}$	0.25	0.25	0.25
Limit	≦8ms		

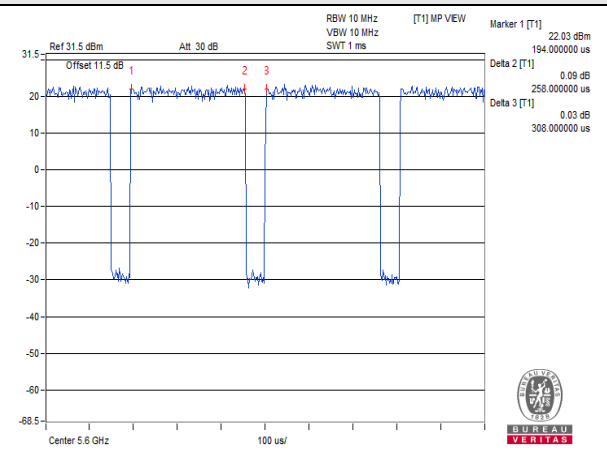
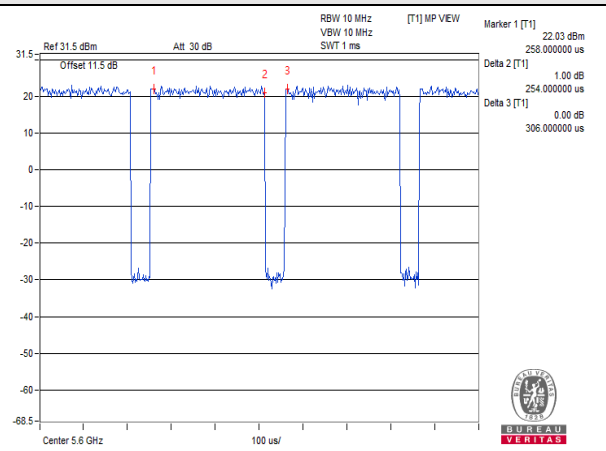
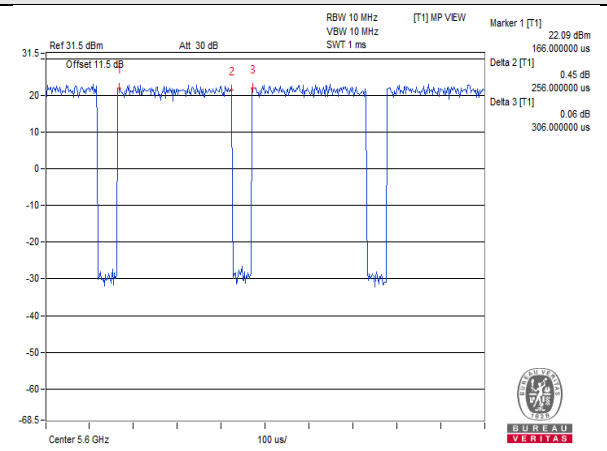
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

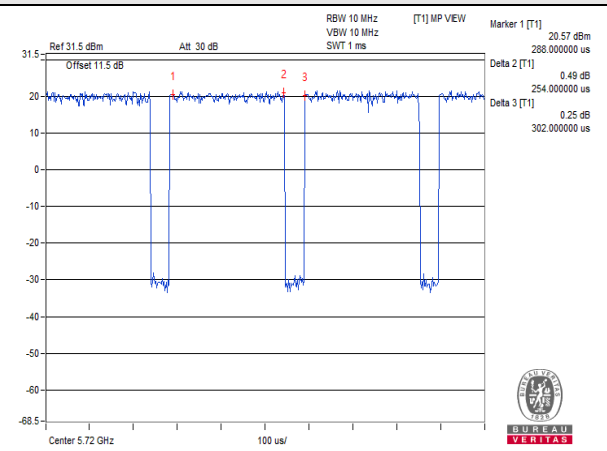
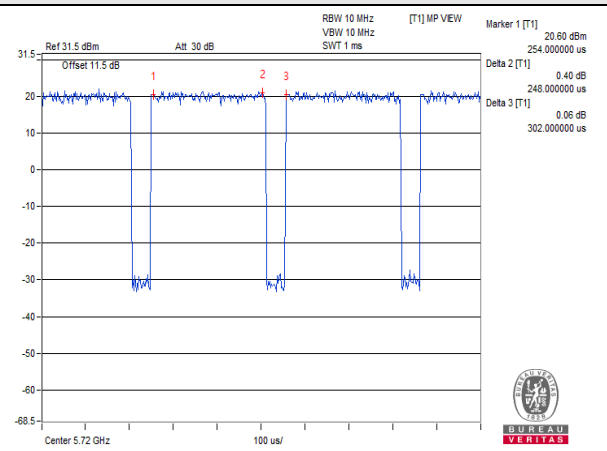
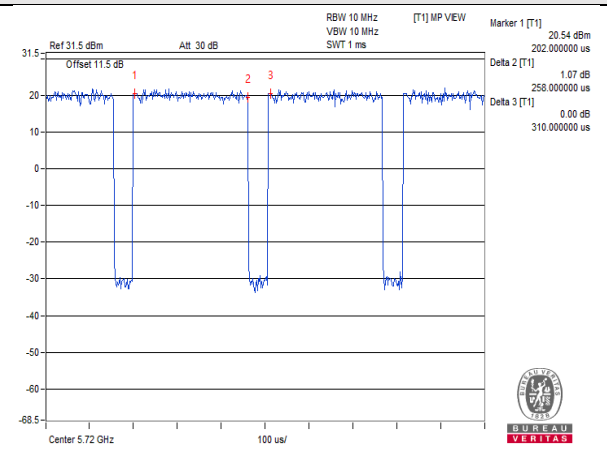
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

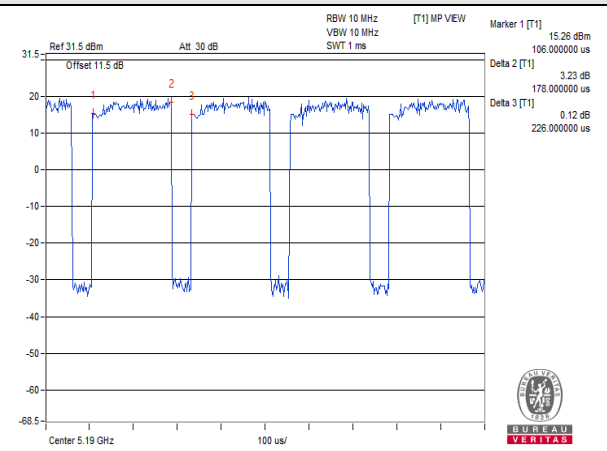
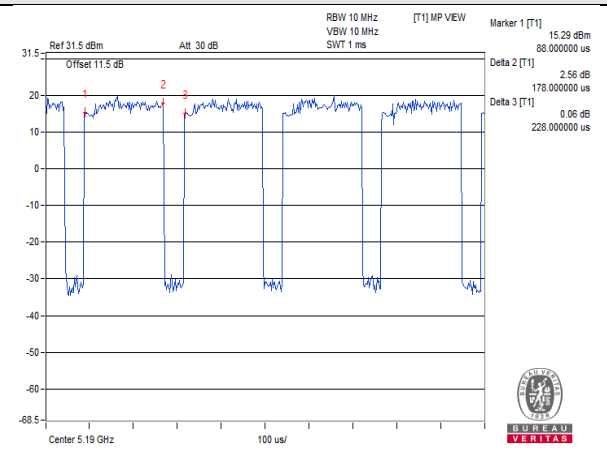
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

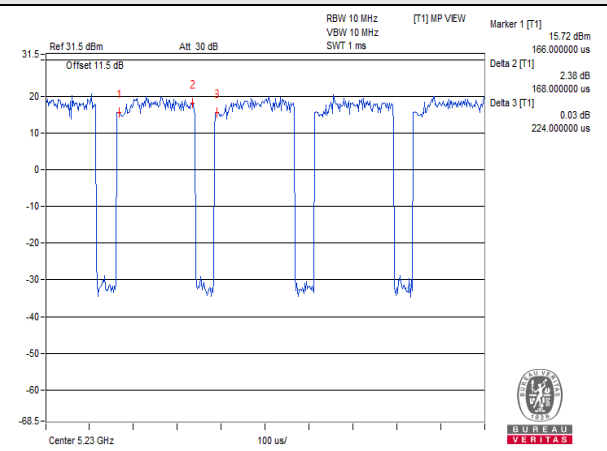
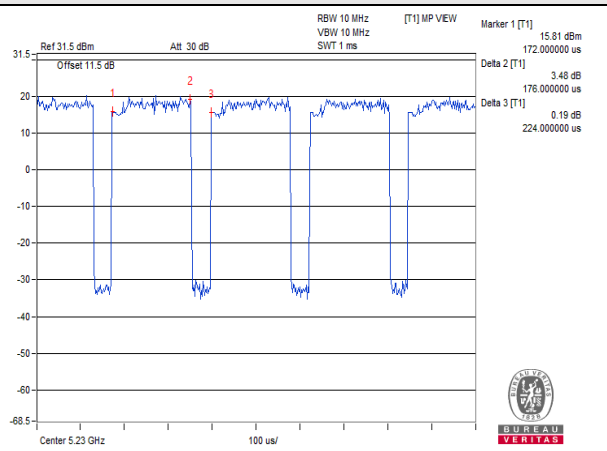
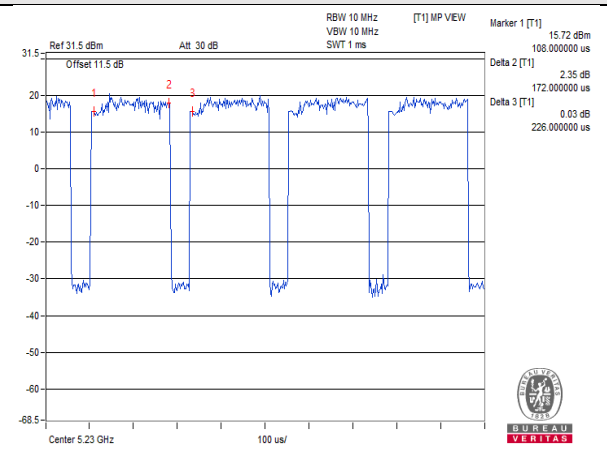
802.11ax (HE40)

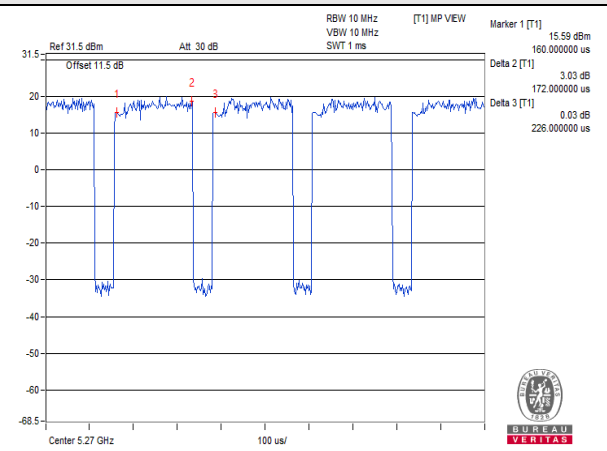
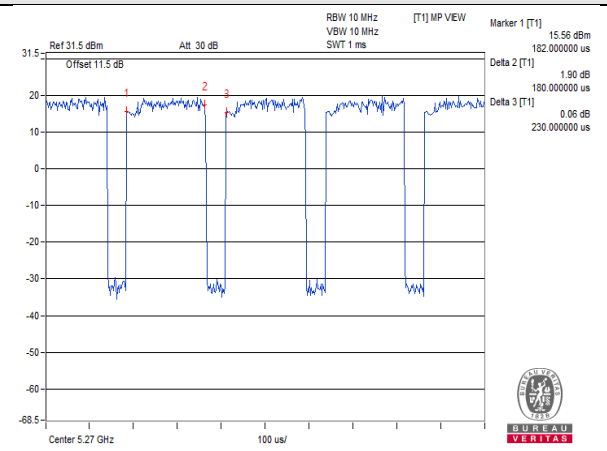
Chain A

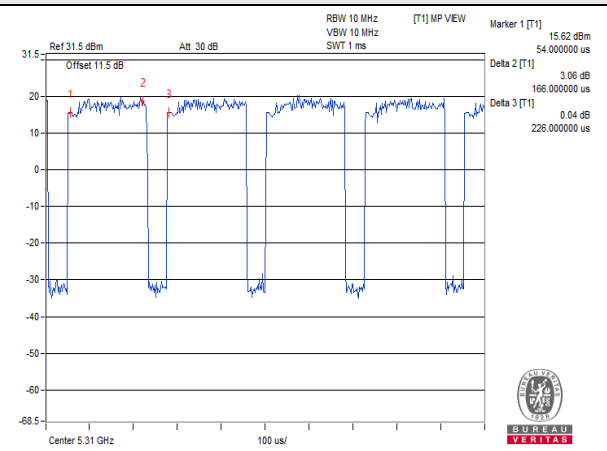
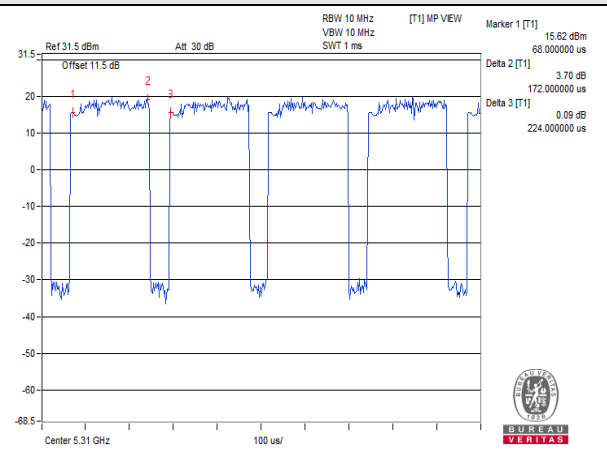
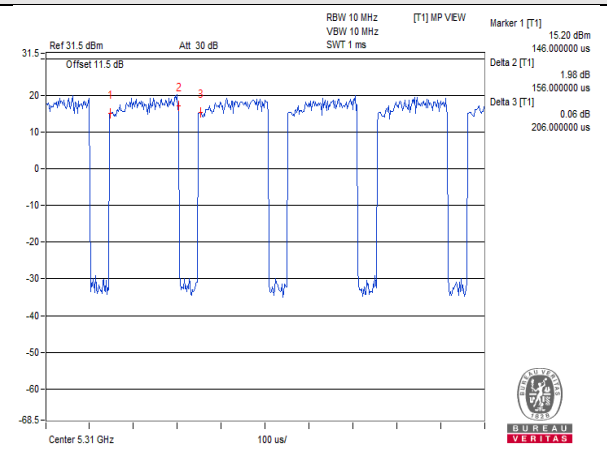
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.17	0.16	0.17	0.16
$V_{max.}$	0.17	0.17	0.17	0.17
$V_{min.}$	0.17	0.17	0.18	0.15
Limit	≦8ms			

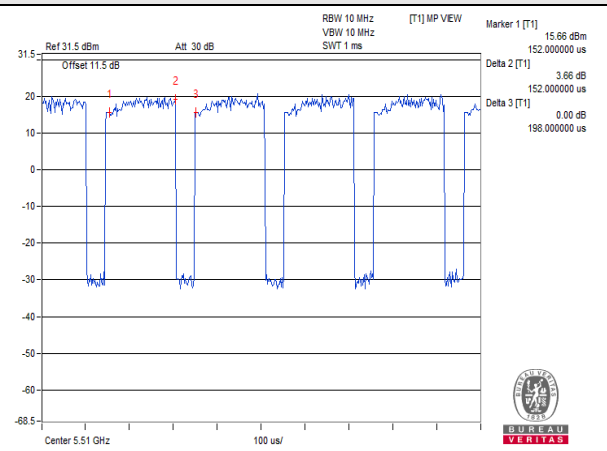
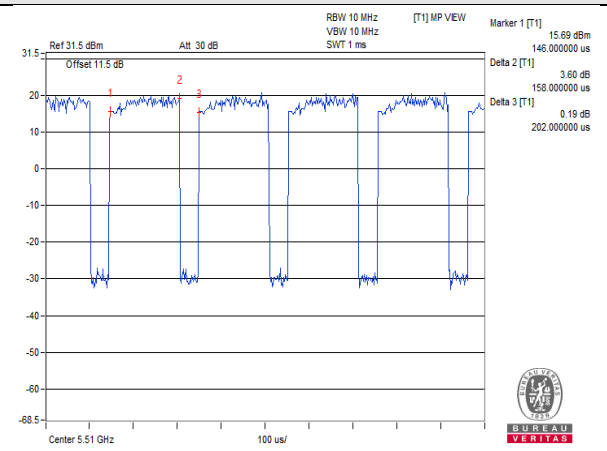
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.16	0.15	0.15
$V_{max.}$	0.15	0.15	0.14
$V_{min.}$	0.15	0.15	0.15
Limit	≦8ms		

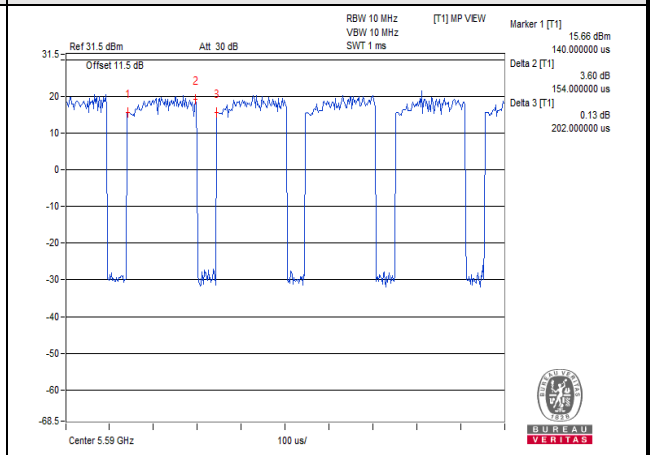
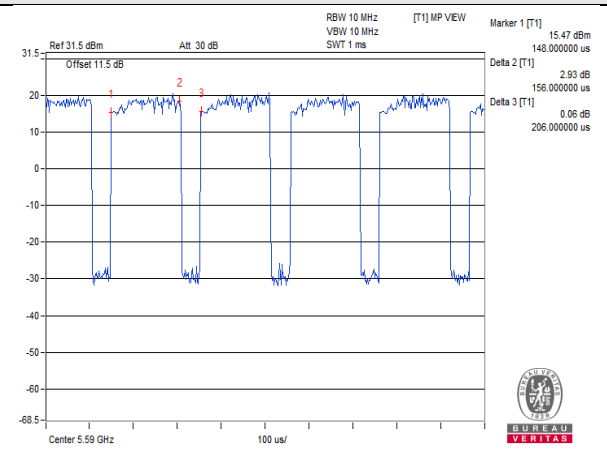
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

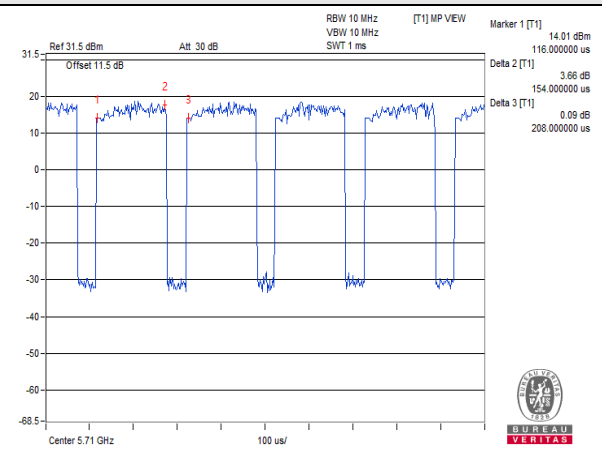
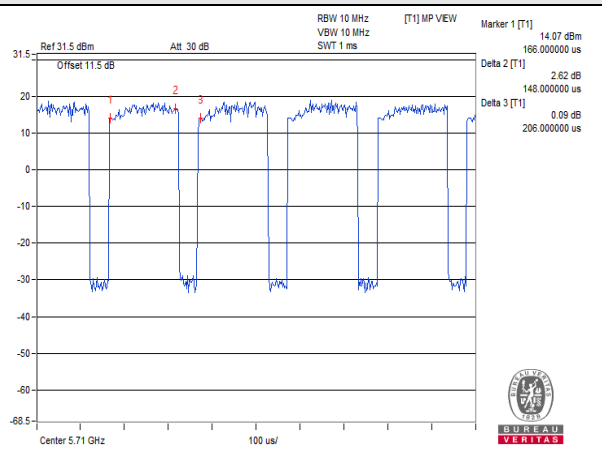
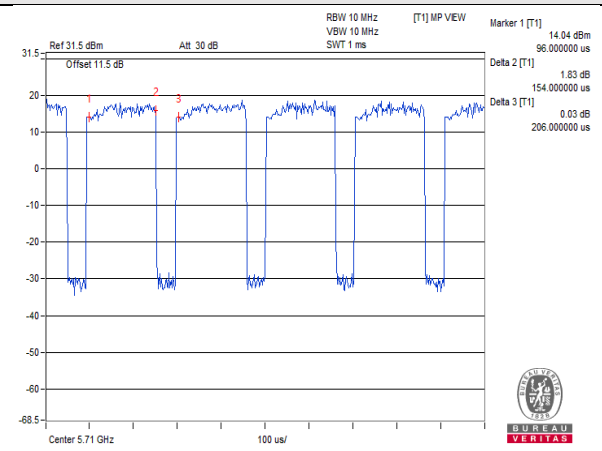
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

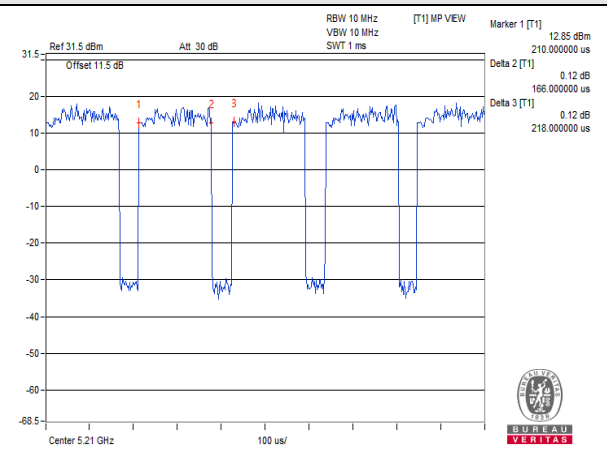
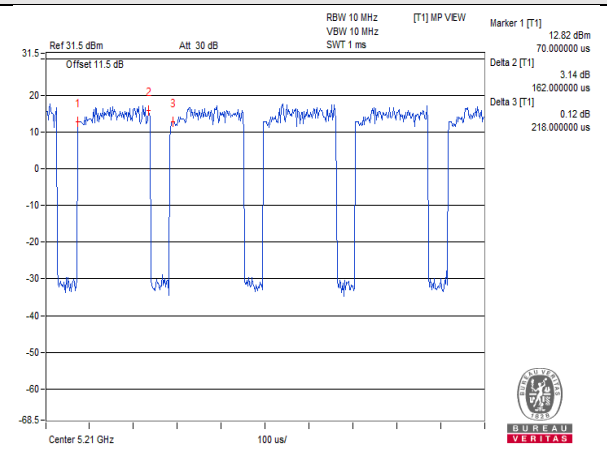
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

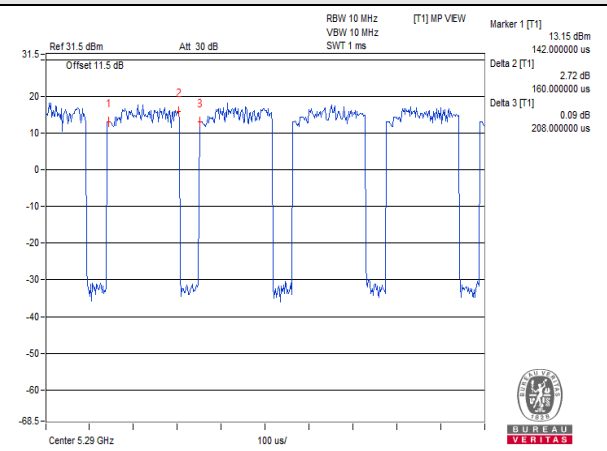
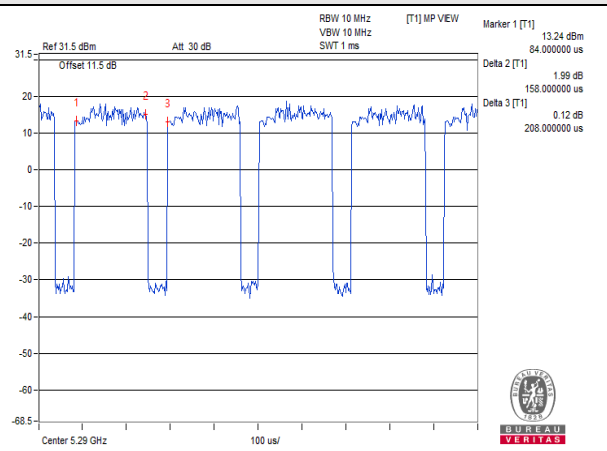
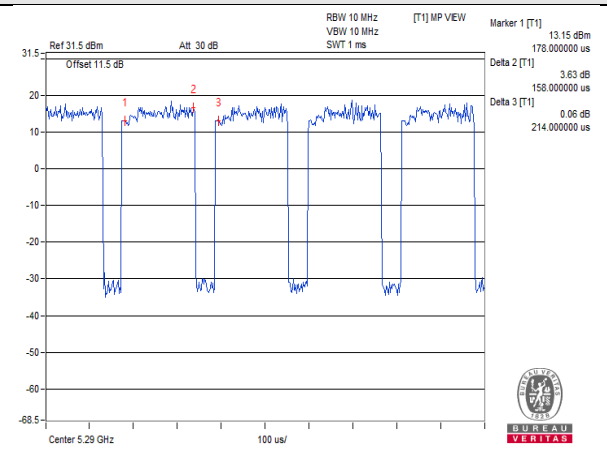
802.11ax (HE80)

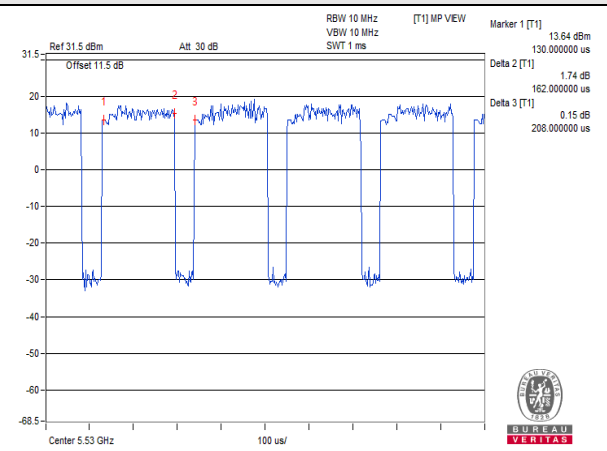
Chain A

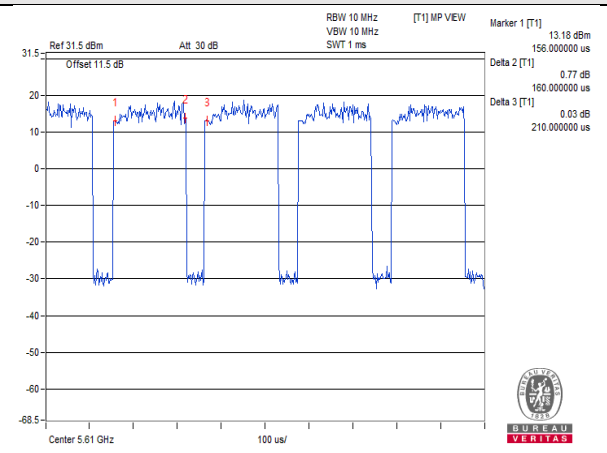
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.16	0.16
$V_{max.}$	0.16	0.15	0.15	0.16
$V_{min.}$	0.16	0.15	0.16	0.16
Limit	≦8ms			

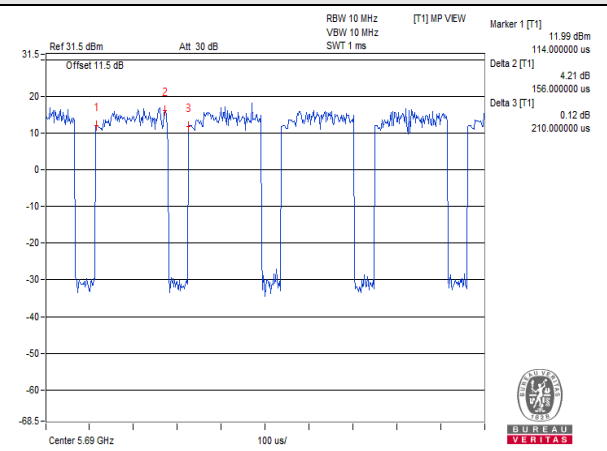
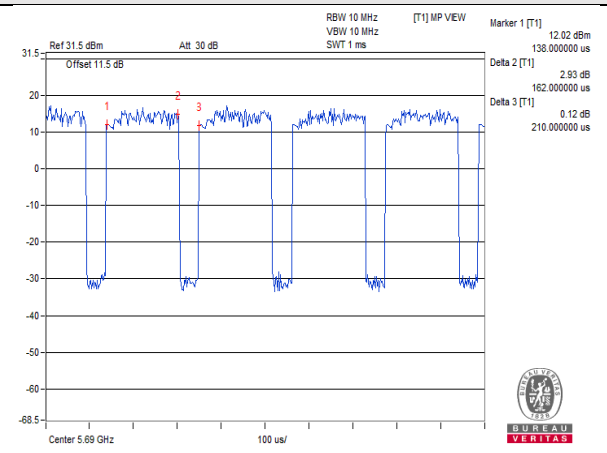
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.15
$V_{max.}$	0.16
$V_{min.}$	0.16
Limit	≦8ms

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)	

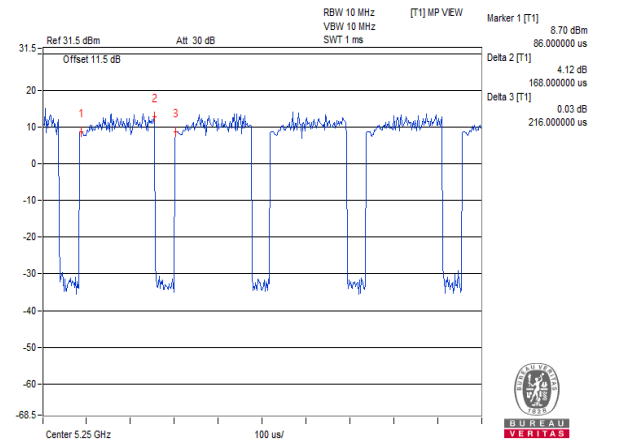
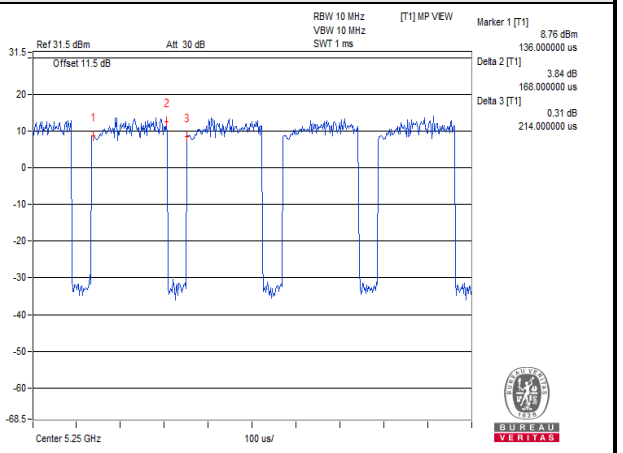
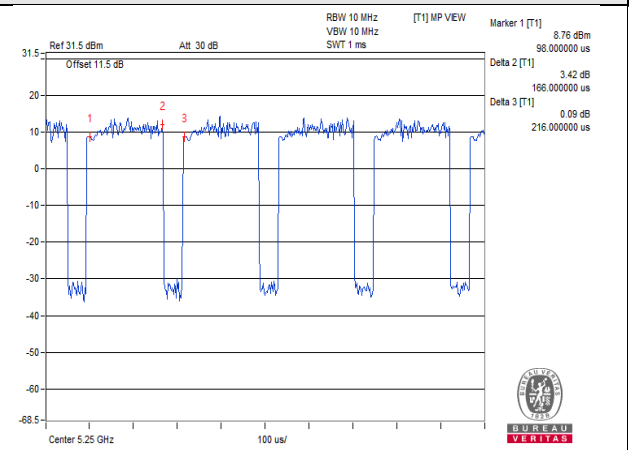
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 122 (5610MHz)	

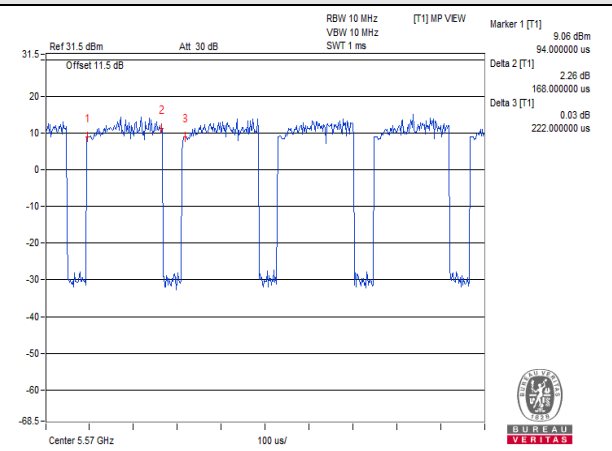
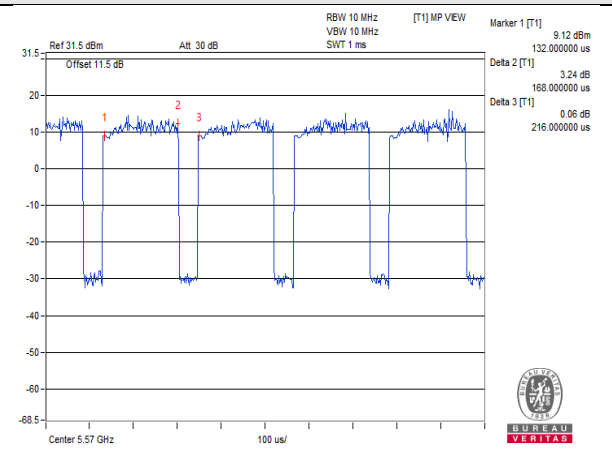
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

802.11ax (HE160)

Chain A

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
Vnormal	0.16	0.16
Vmax.	0.16	0.17
Vmin.	0.16	0.16
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 50 (5250MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

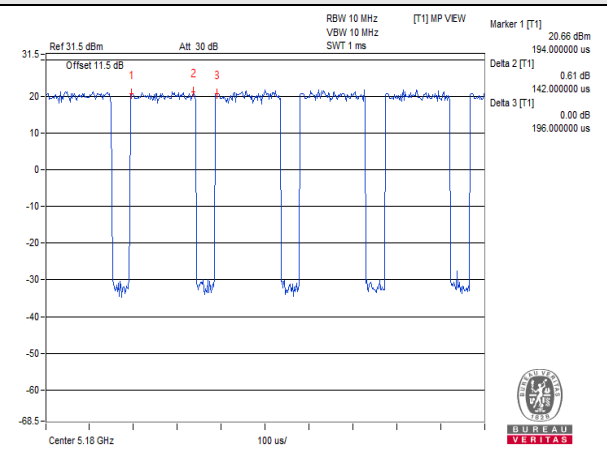
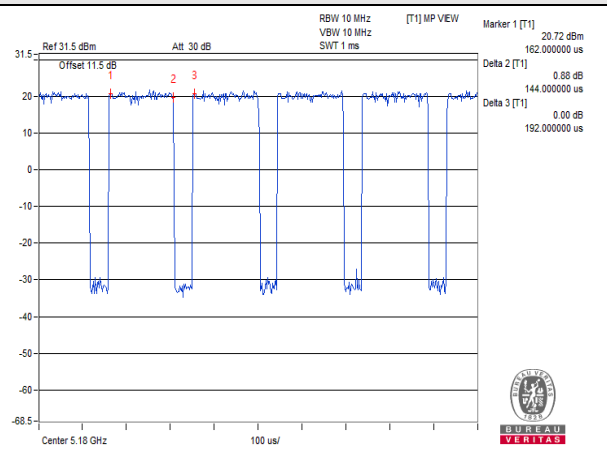
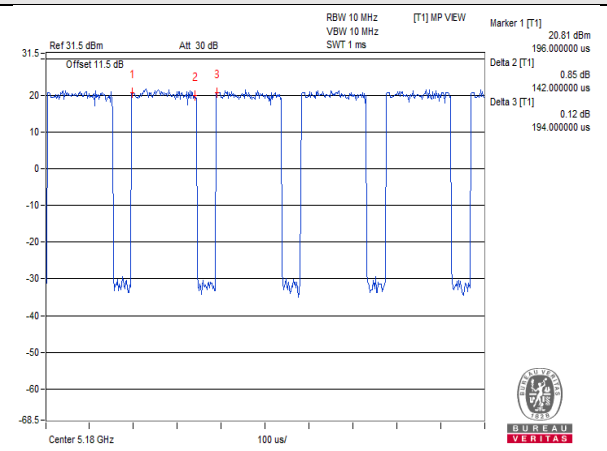
W52, W53 & W56 bands:

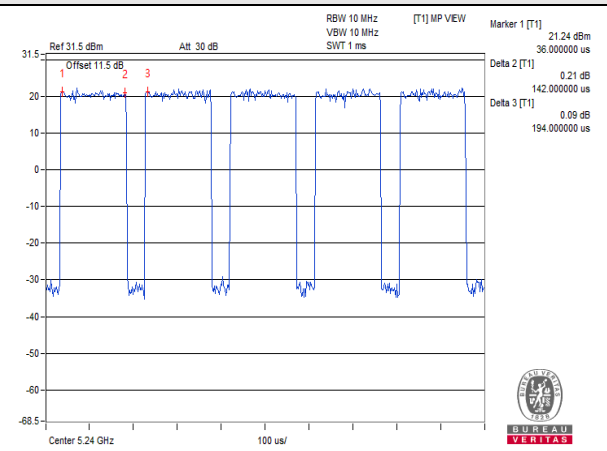
802.11a

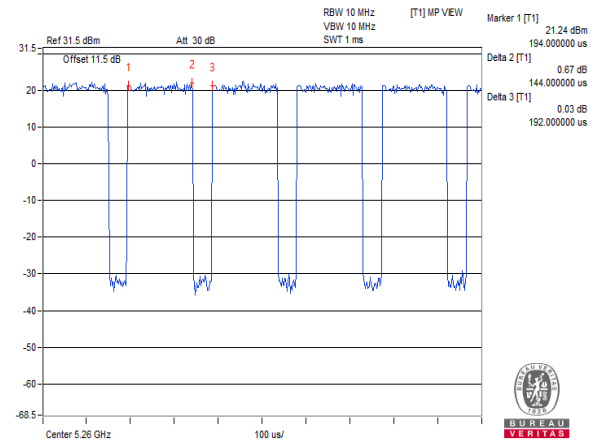
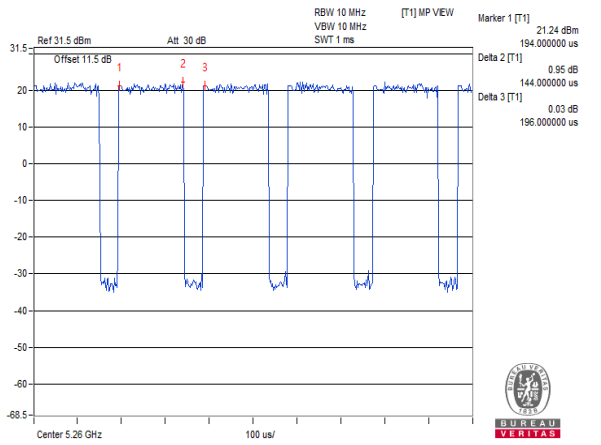
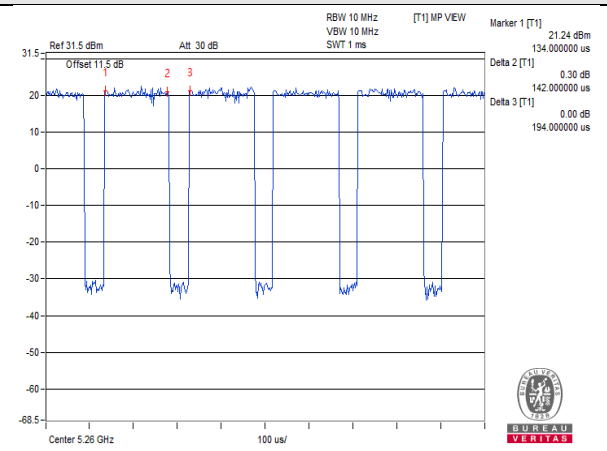
Chain B

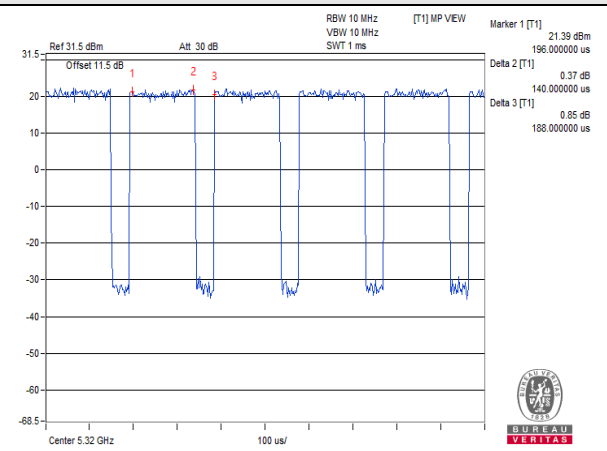
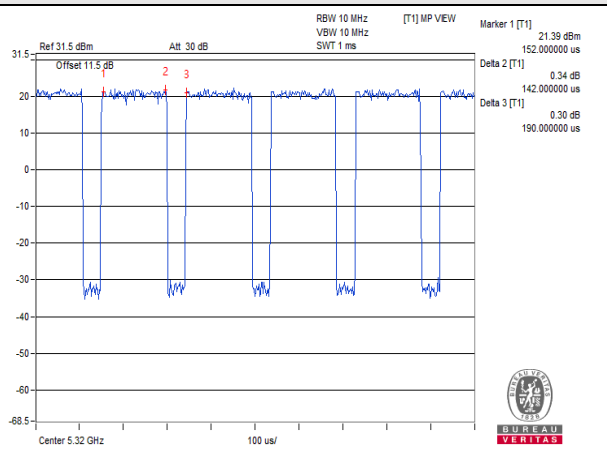
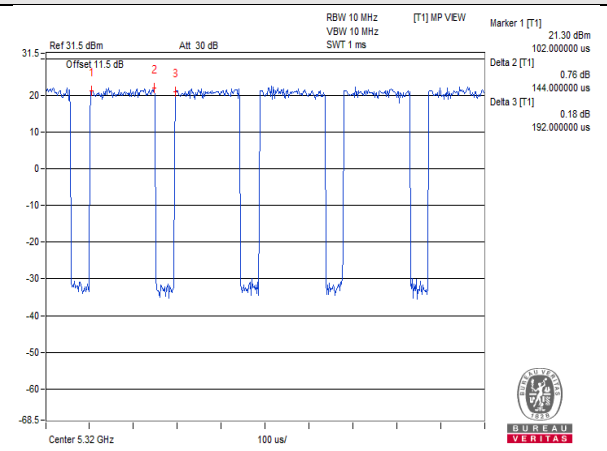
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.14	0.14	0.14	0.14
$V_{max.}$	0.14	0.14	0.14	0.14
$V_{min.}$	0.14	0.13	0.14	0.14
Limit	≦8ms			

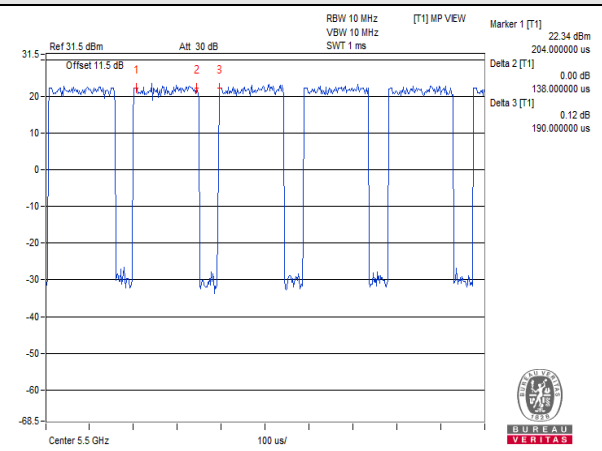
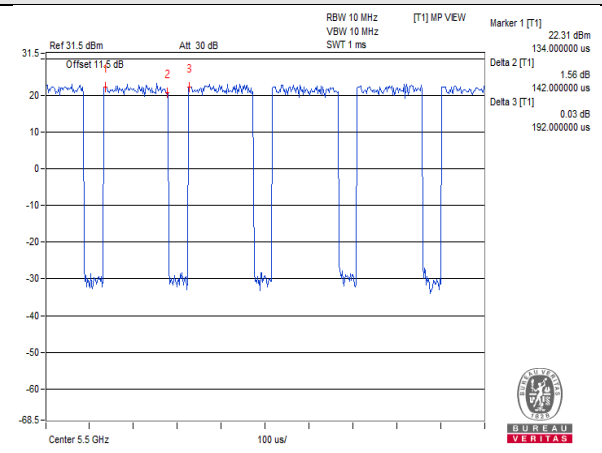
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.13	0.14	0.14
$V_{max.}$	0.14	0.14	0.14
$V_{min.}$	0.14	0.14	0.14
Limit	≦8ms		

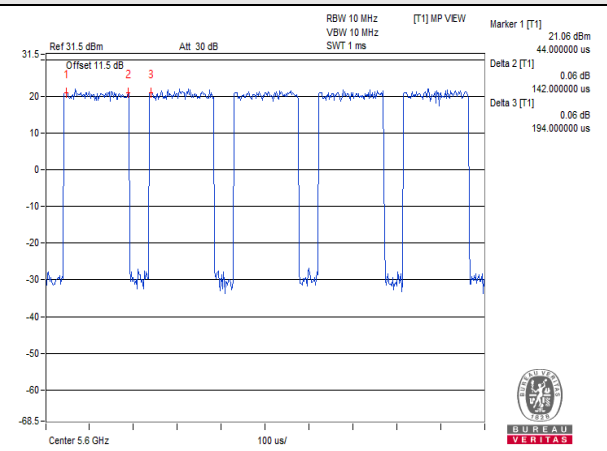
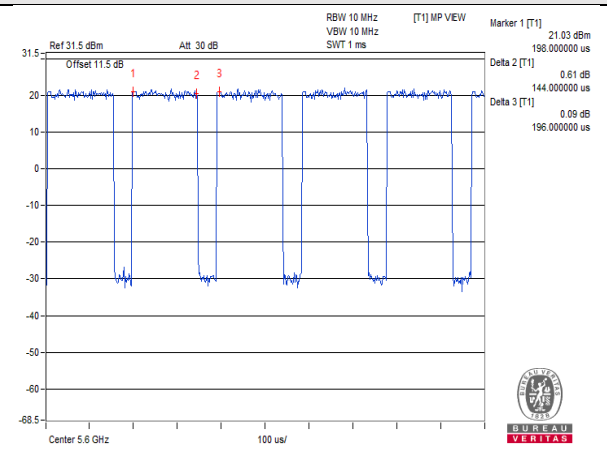
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

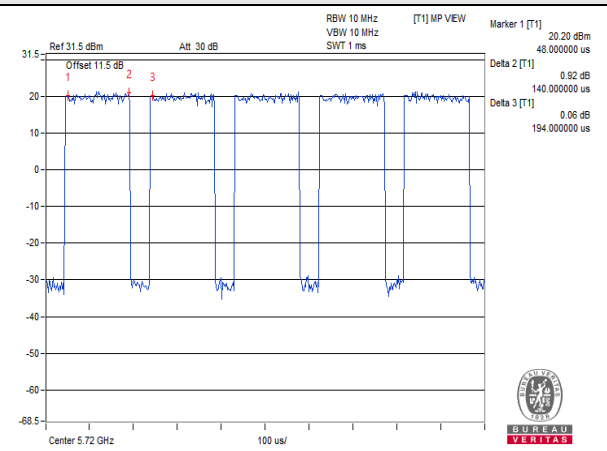
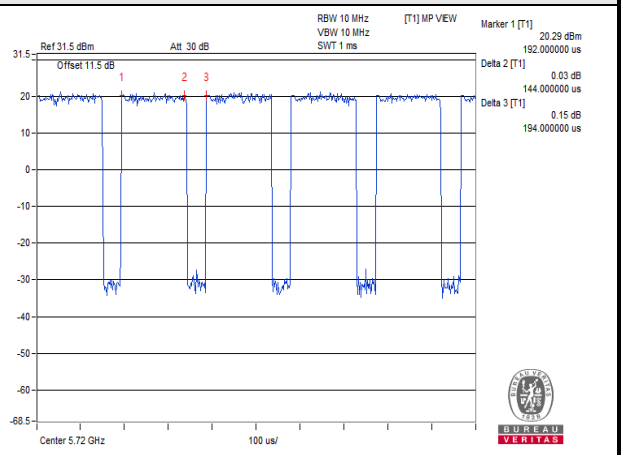
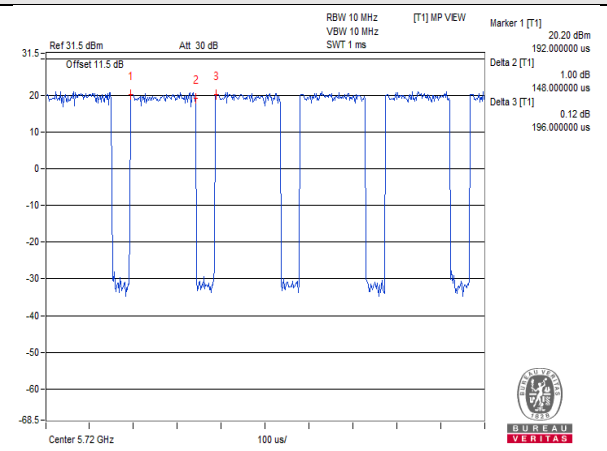
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

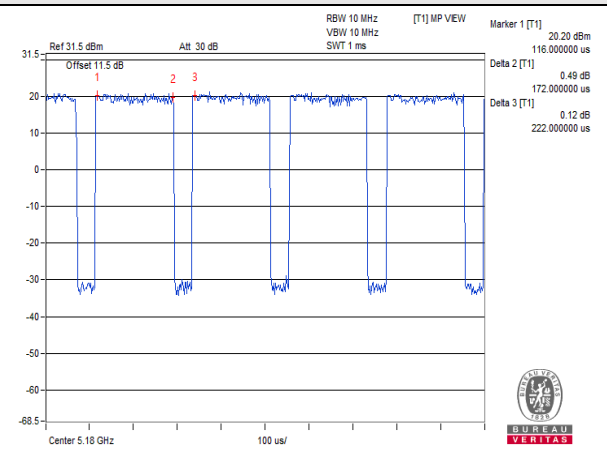
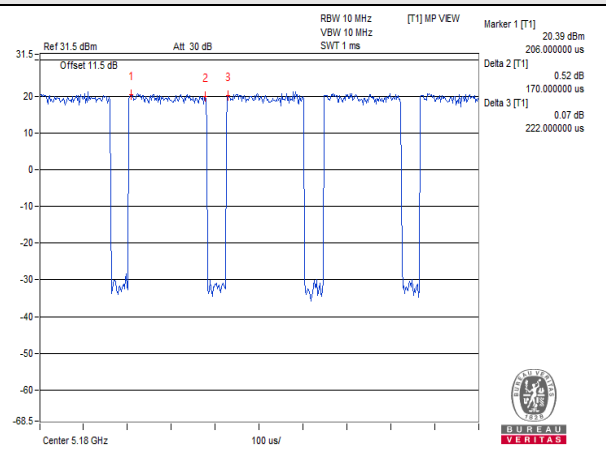
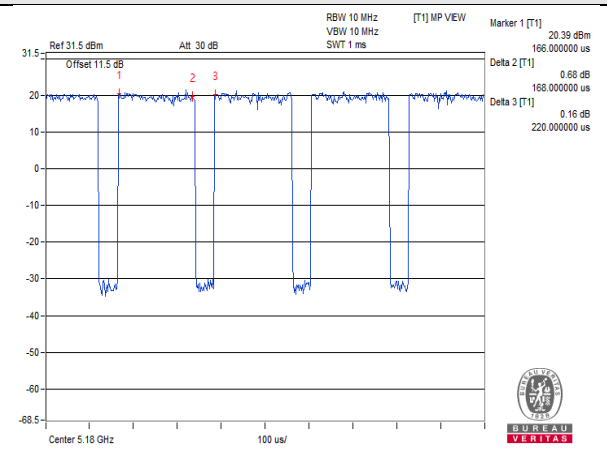
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

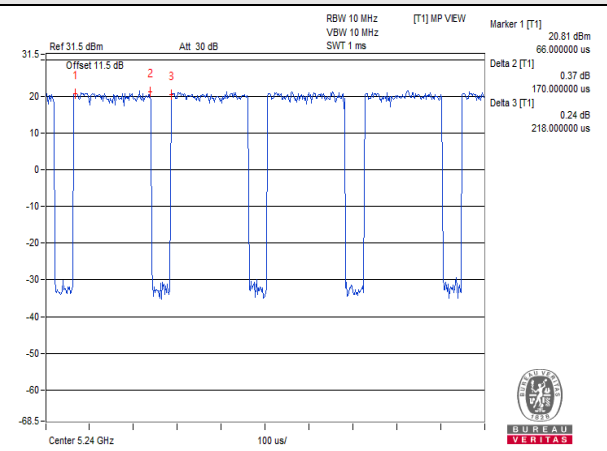
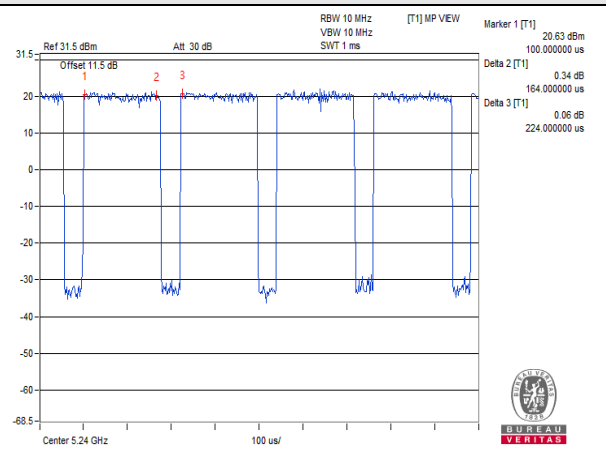
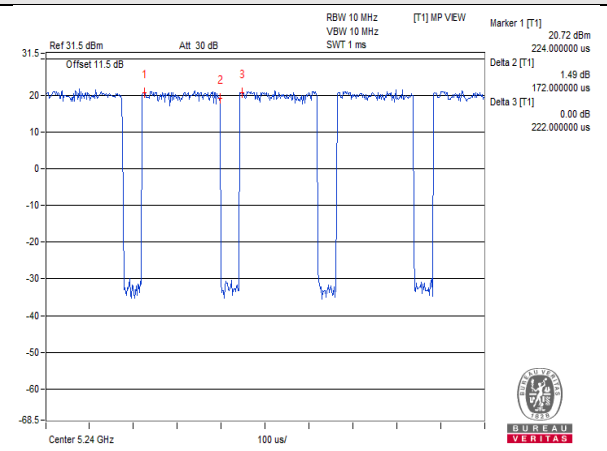
802.11n (HT20)

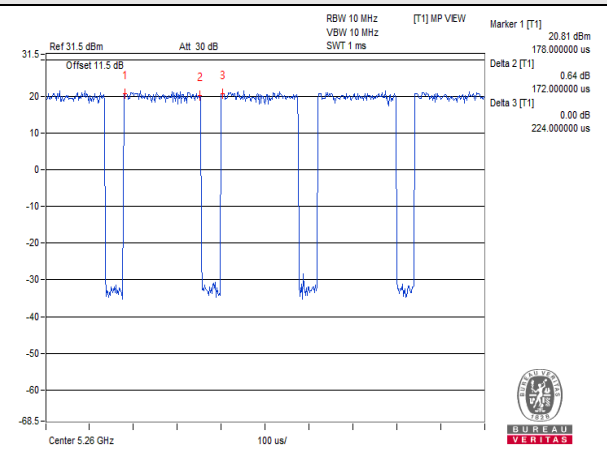
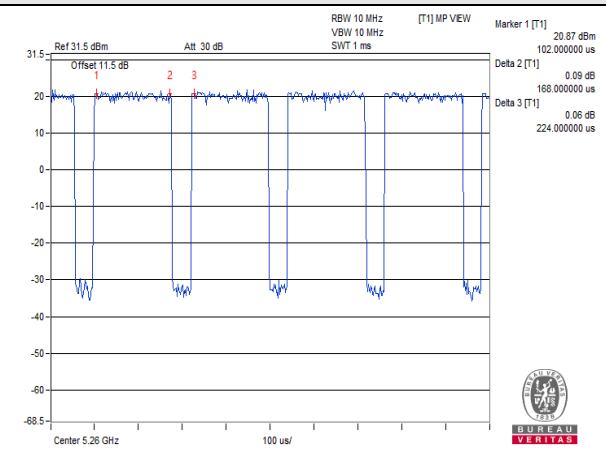
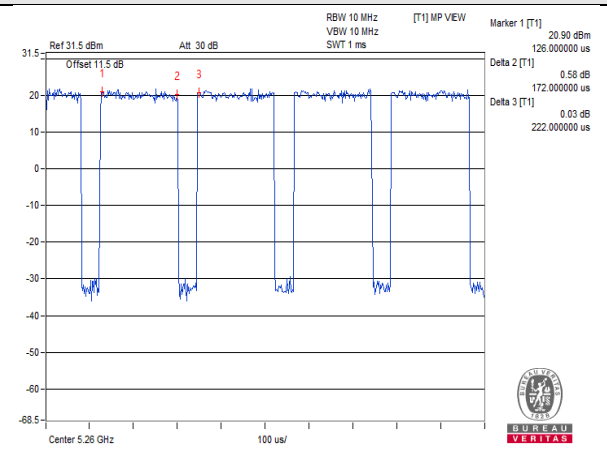
Chain B

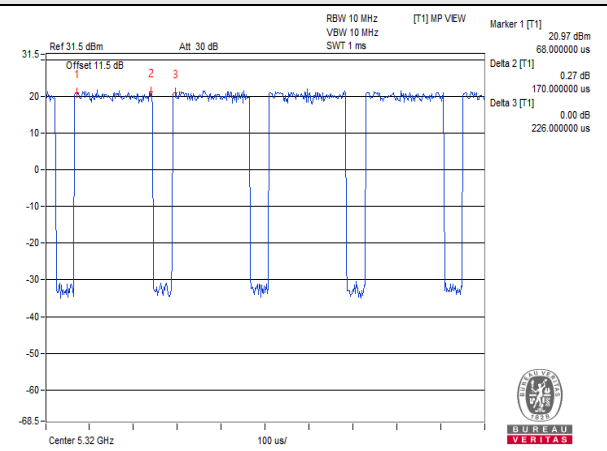
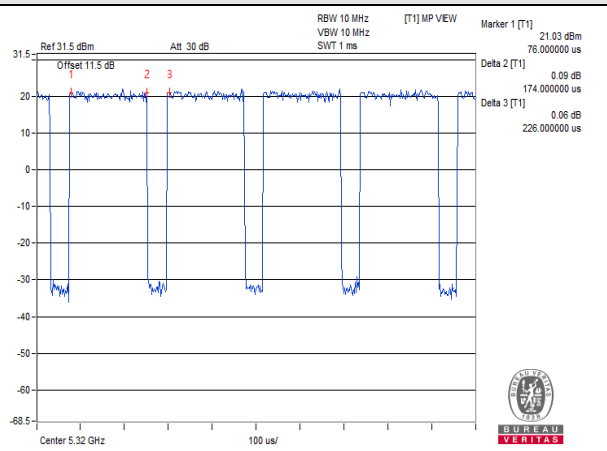
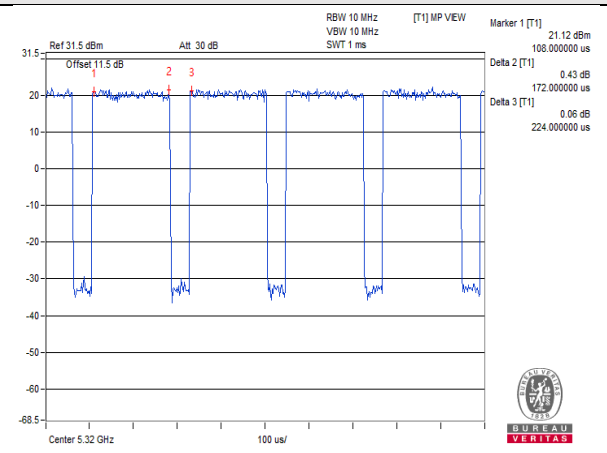
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.17	0.17	0.17	0.17
$V_{max.}$	0.17	0.16	0.16	0.17
$V_{min.}$	0.16	0.17	0.17	0.17
Limit	≦8ms			

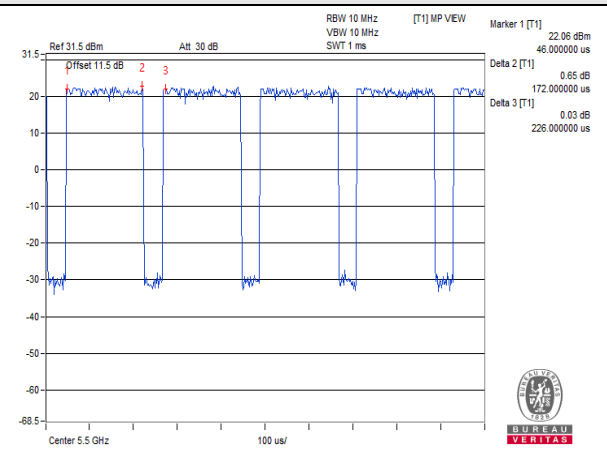
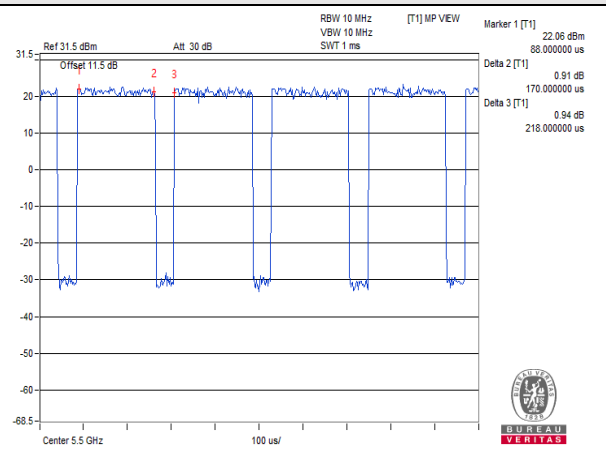
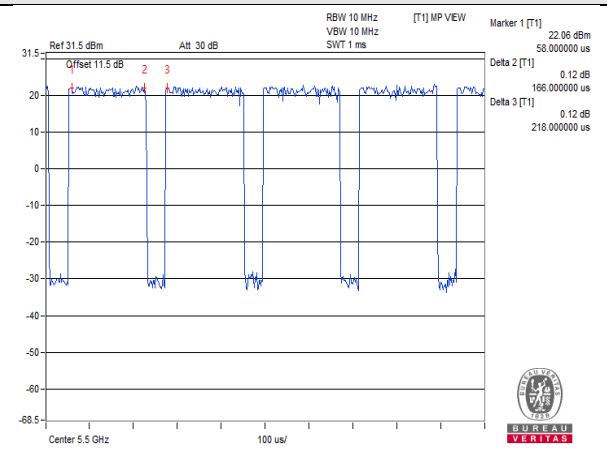
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.17	0.17	0.17
$V_{max.}$	0.17	0.17	0.17
$V_{min.}$	0.16	0.17	0.16
Limit	≦8ms		

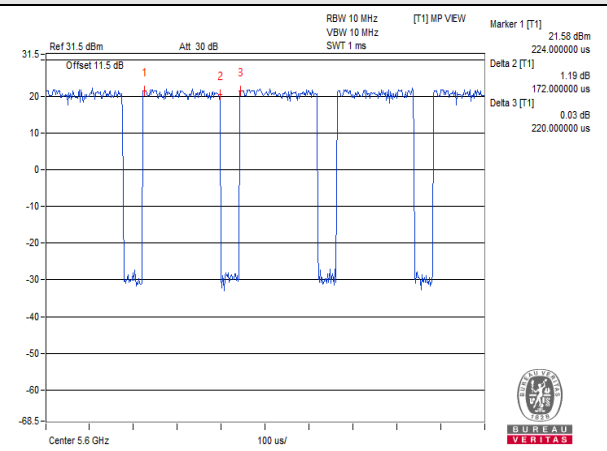
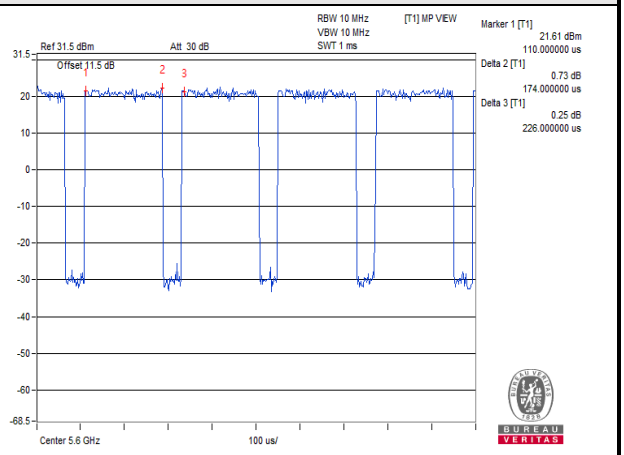
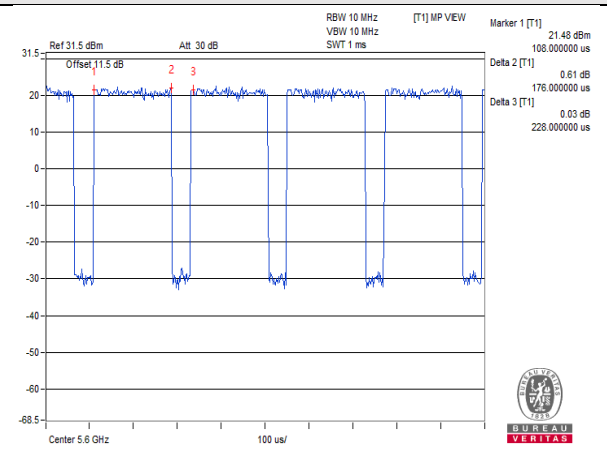
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

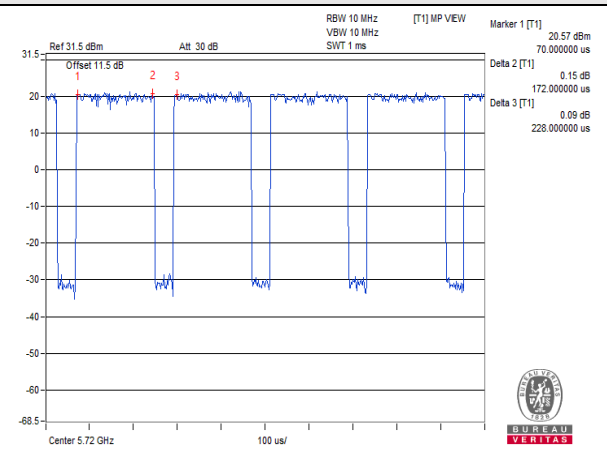
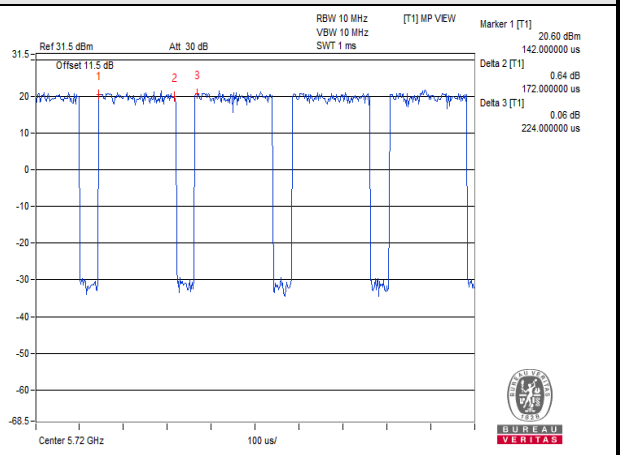
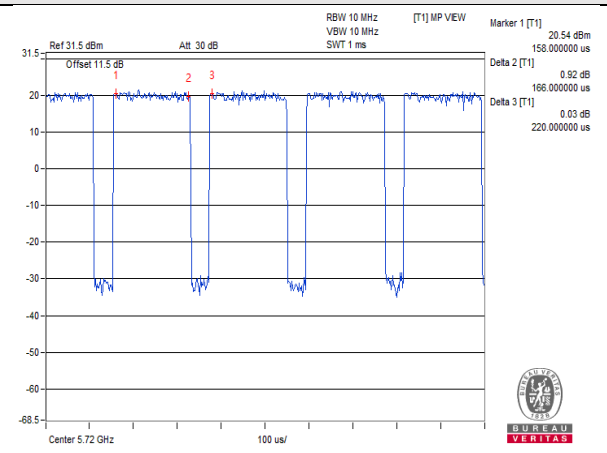
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

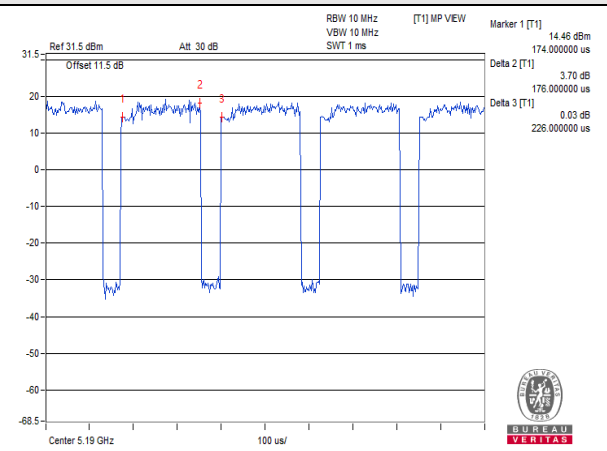
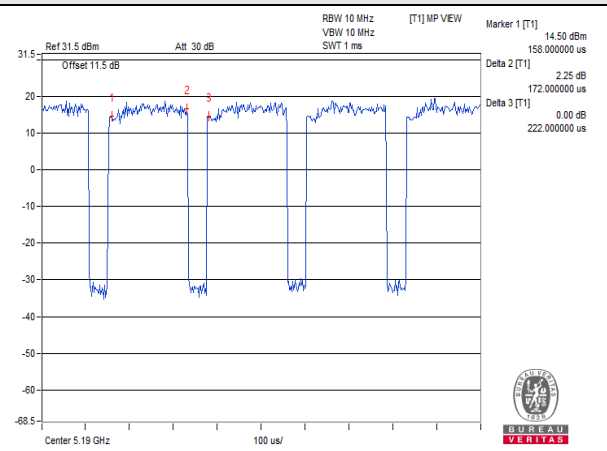
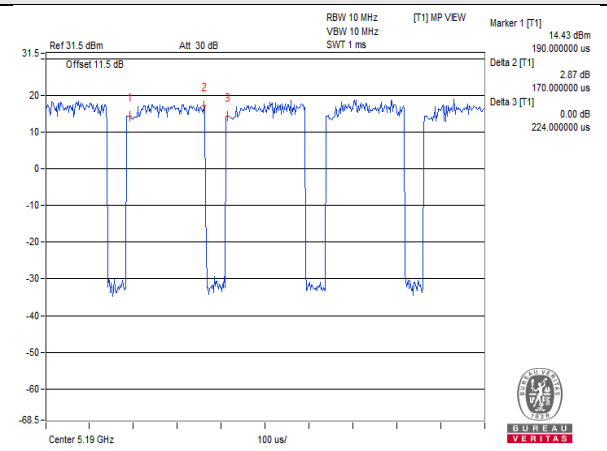
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

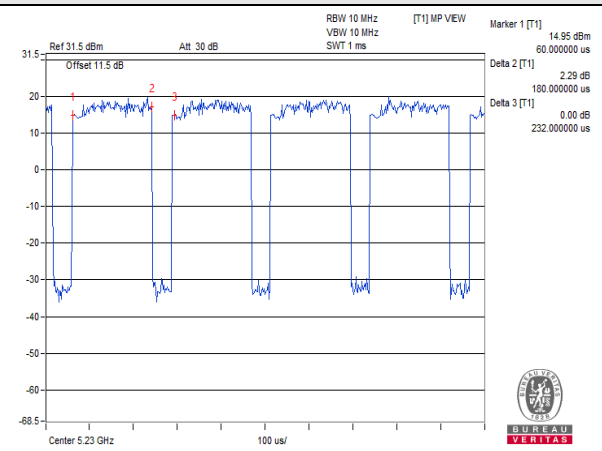
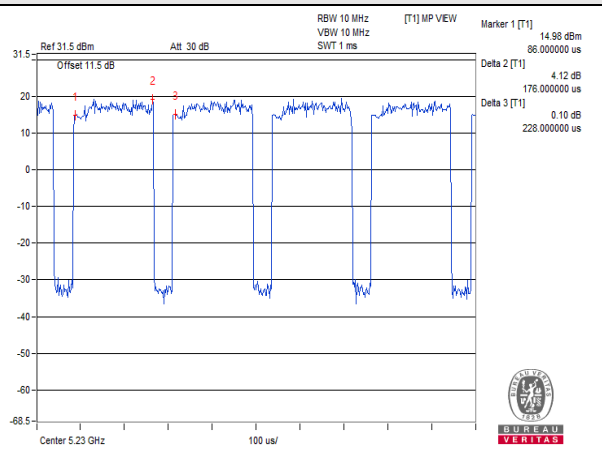
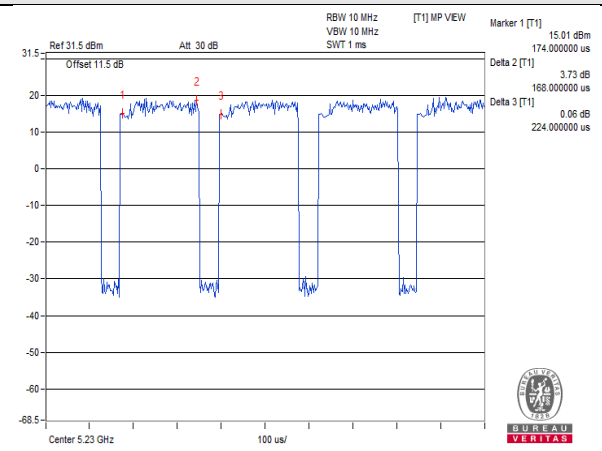
802.11n (HT40)

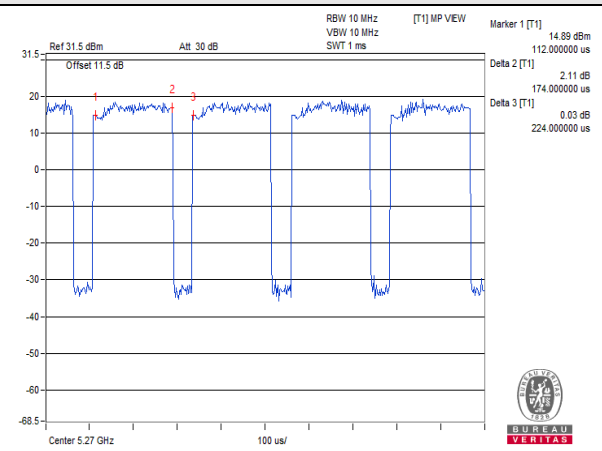
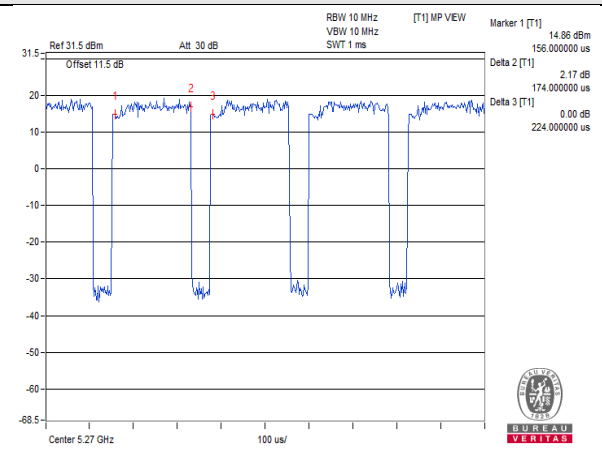
Chain B

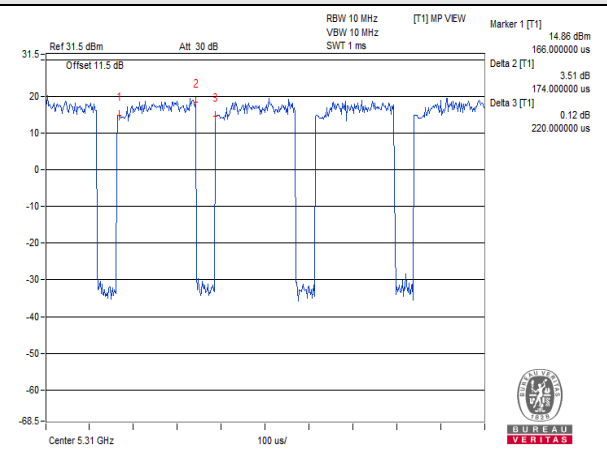
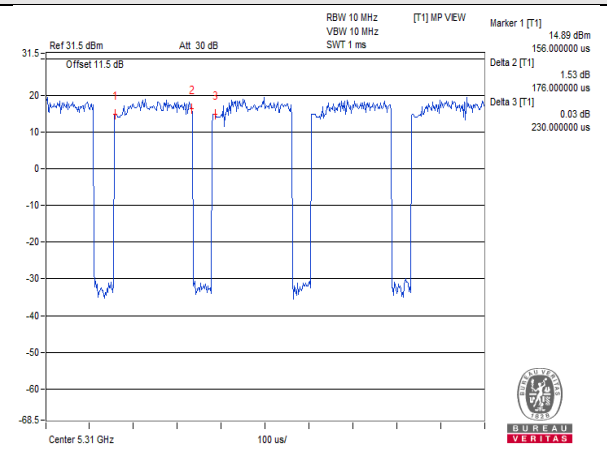
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.17	0.18	0.17	0.17
$V_{max.}$	0.17	0.17	0.17	0.17
$V_{min.}$	0.17	0.16	0.17	0.17
Limit	≦8ms			

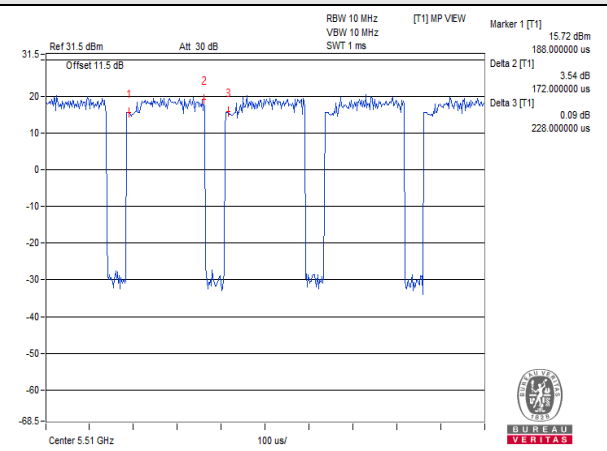
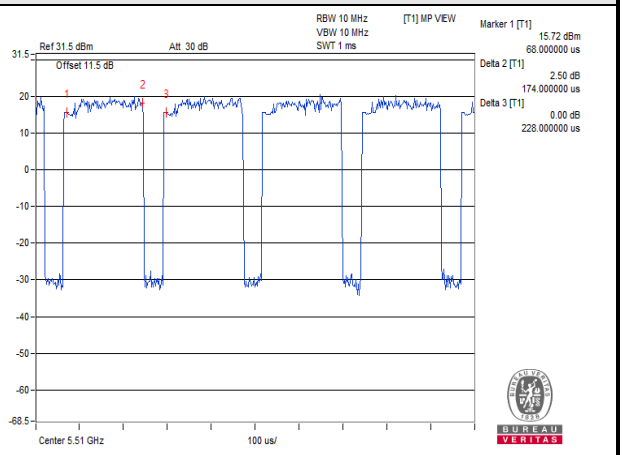
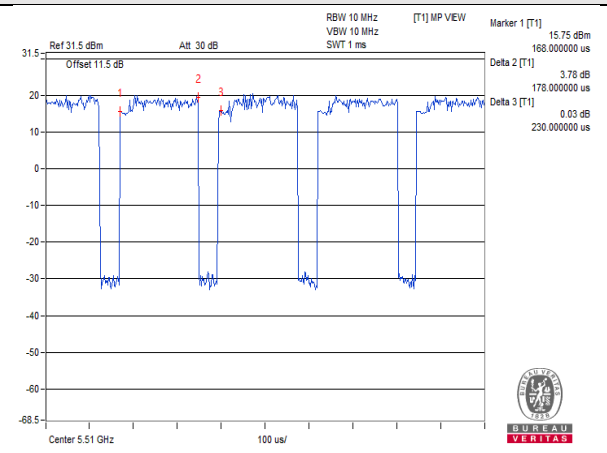
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.17	0.17	0.18
$V_{max.}$	0.17	0.17	0.17
$V_{min.}$	0.17	0.17	0.17
Limit	≦8ms		

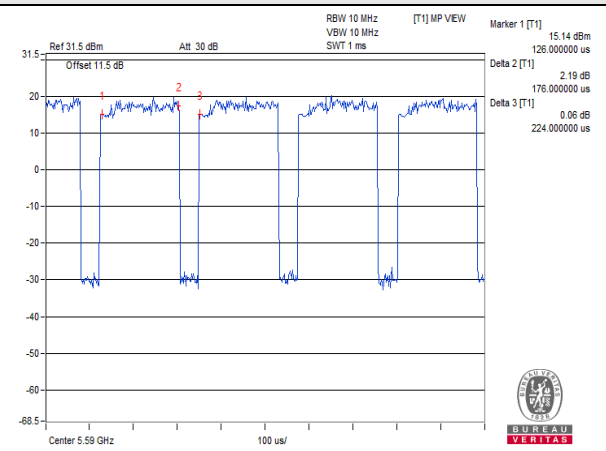
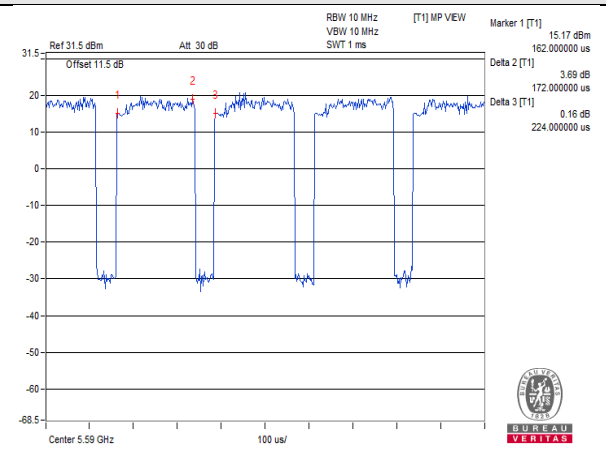
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

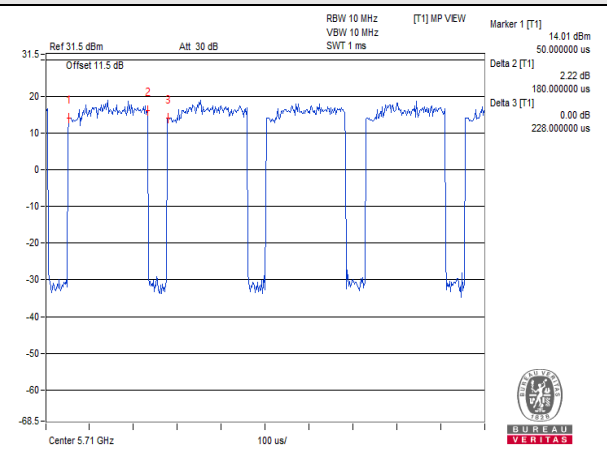
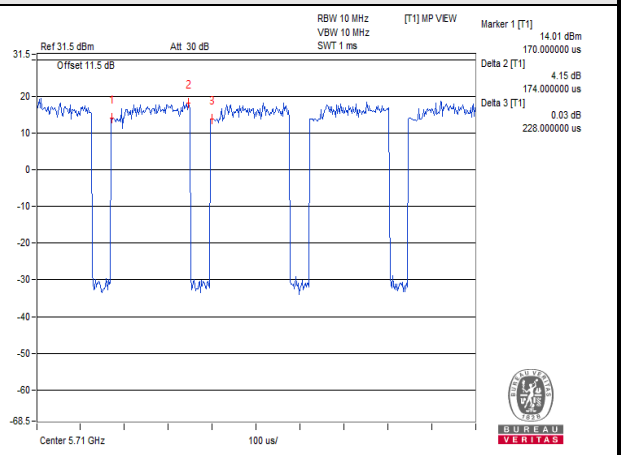
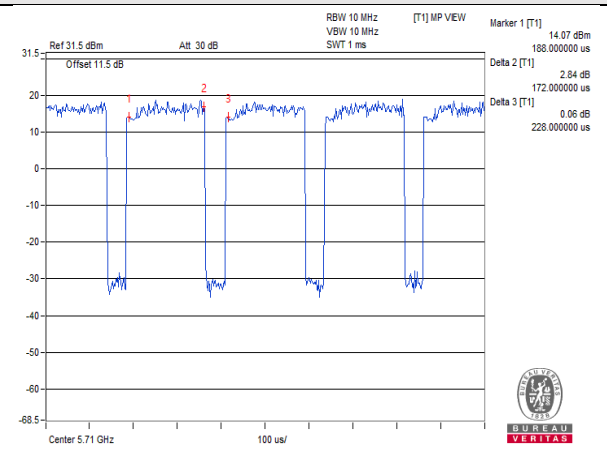
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

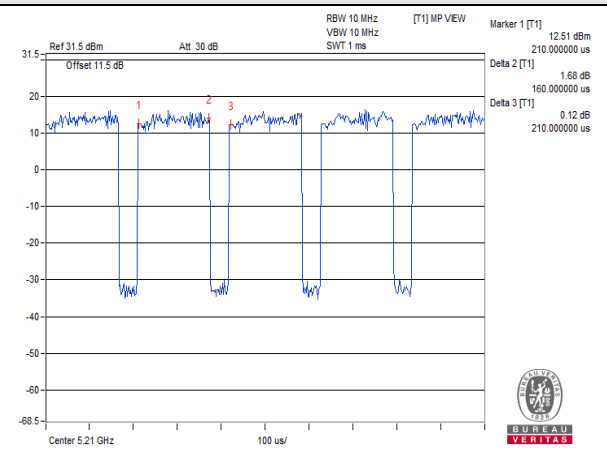
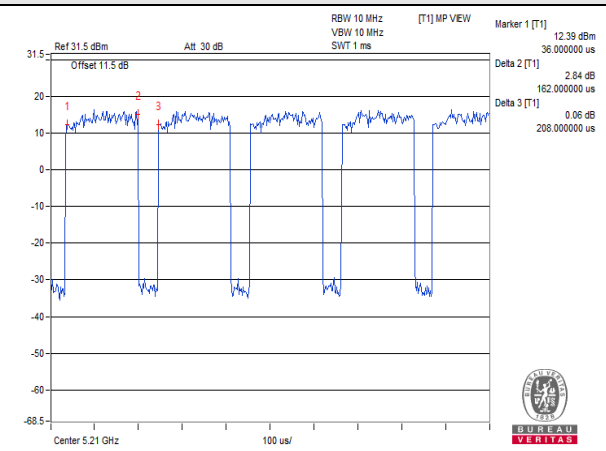
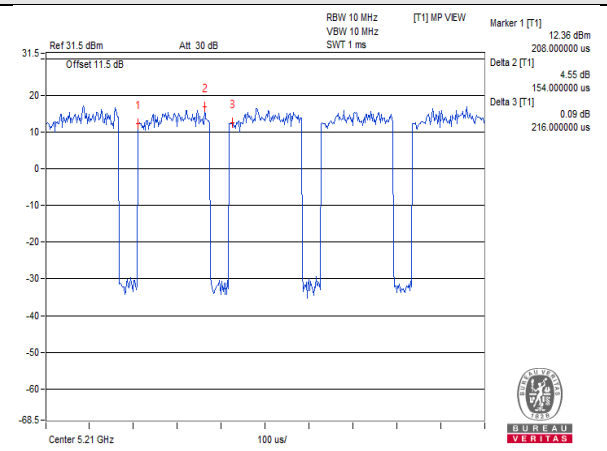
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

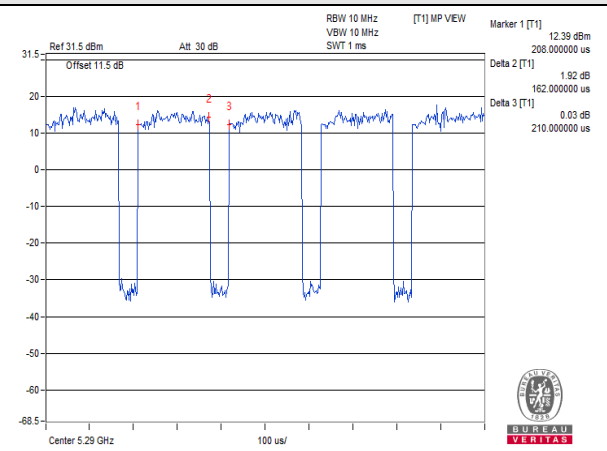
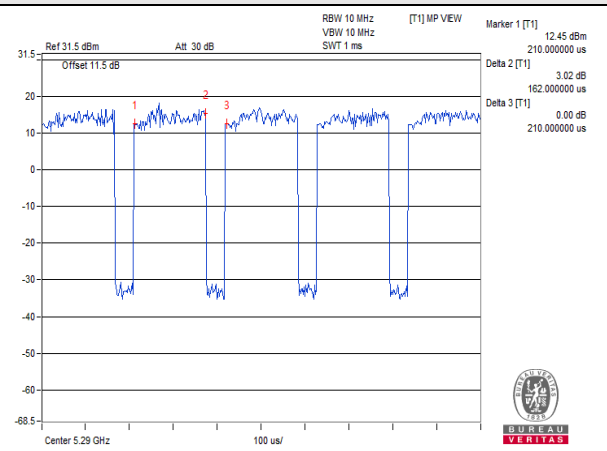
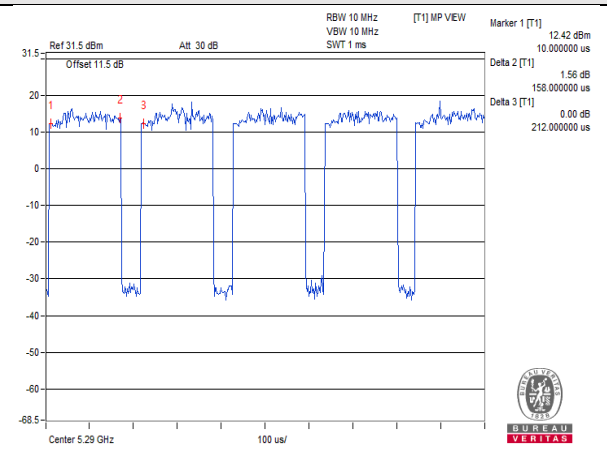
802.11ac (VHT80)

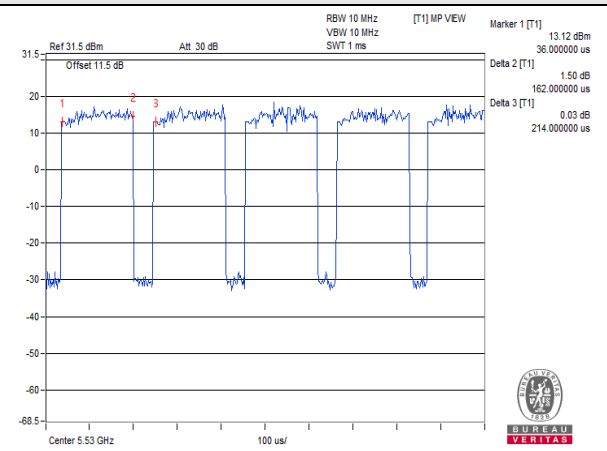
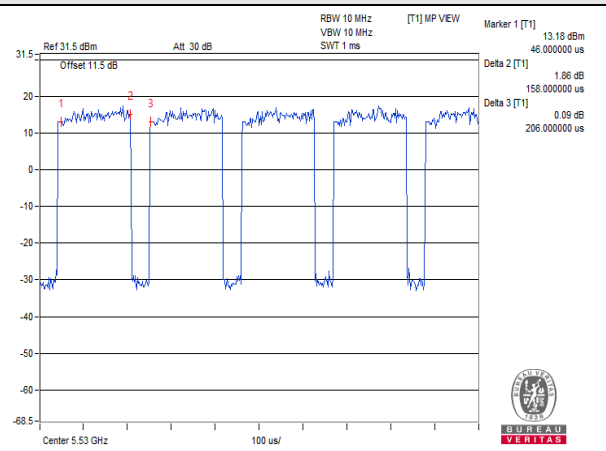
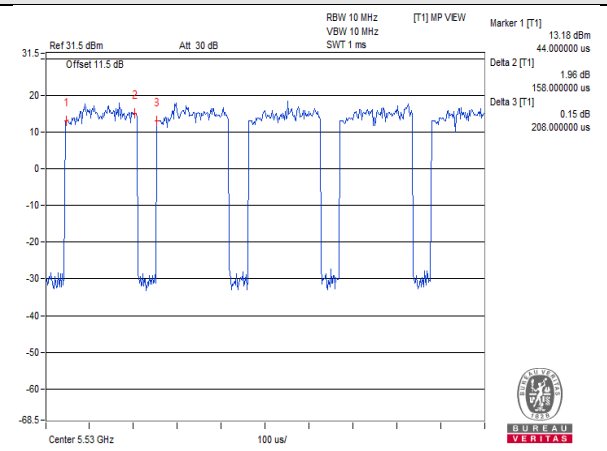
Chain B

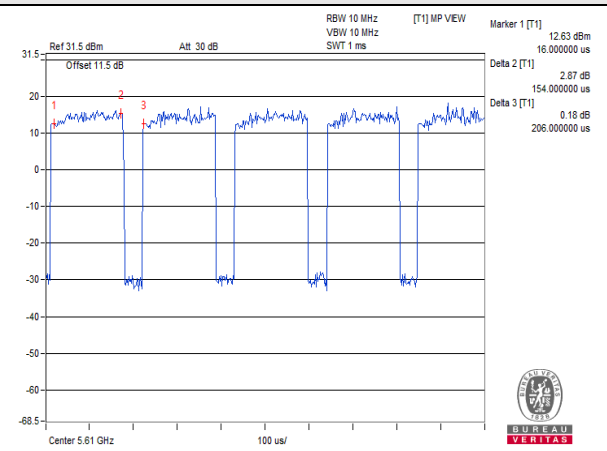
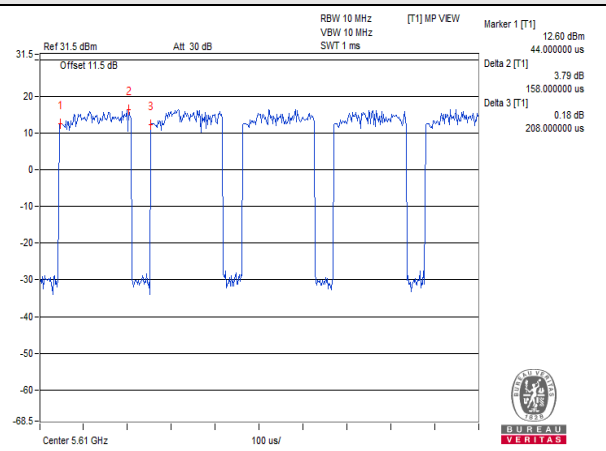
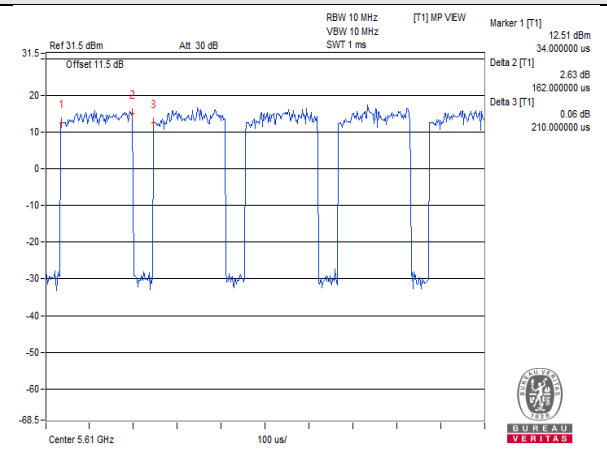
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.16	0.15
$V_{max.}$	0.16	0.16	0.15	0.15
$V_{min.}$	0.15	0.15	0.15	0.16
Limit	≦8ms			

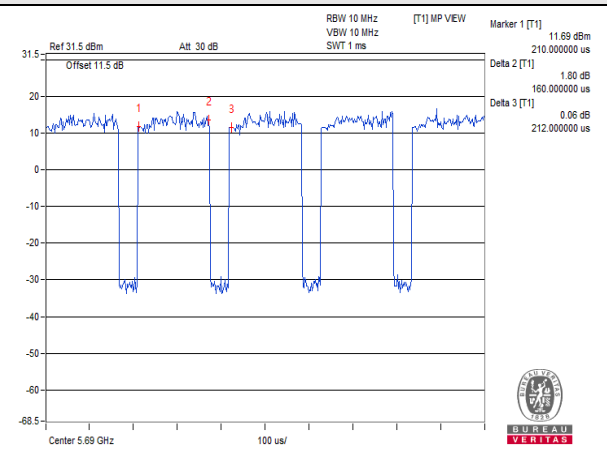
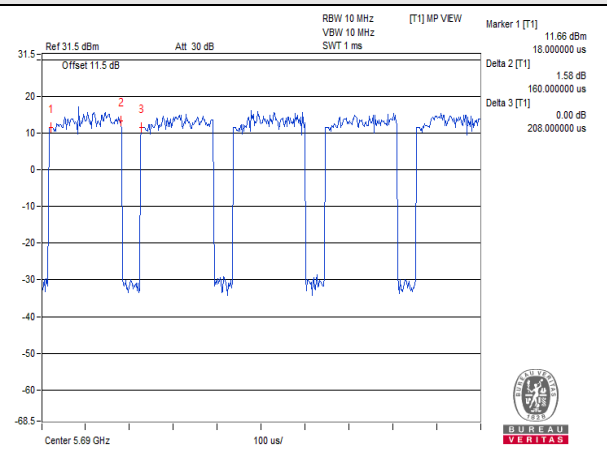
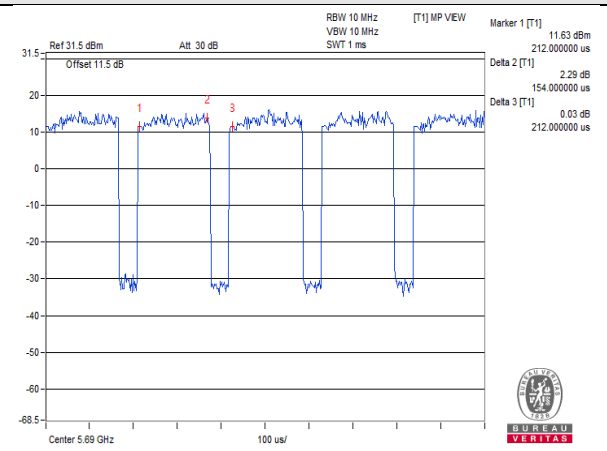
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.16
$V_{min.}$	0.15
Limit	≦8ms

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)	

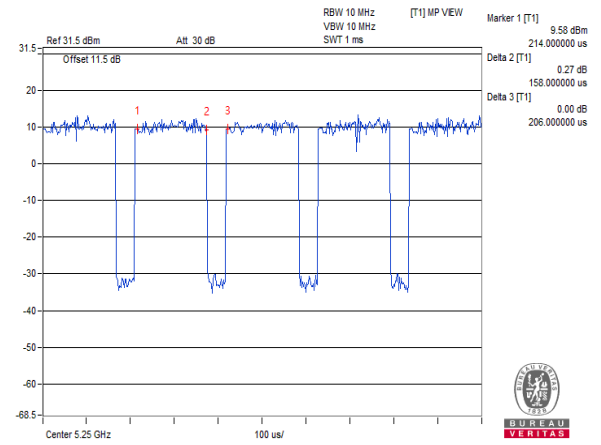
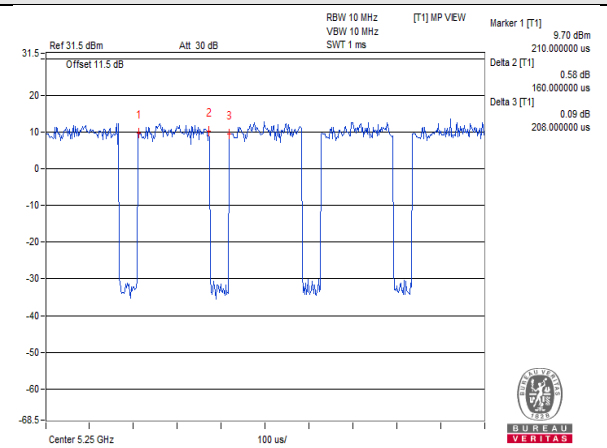
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 122 (5610MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

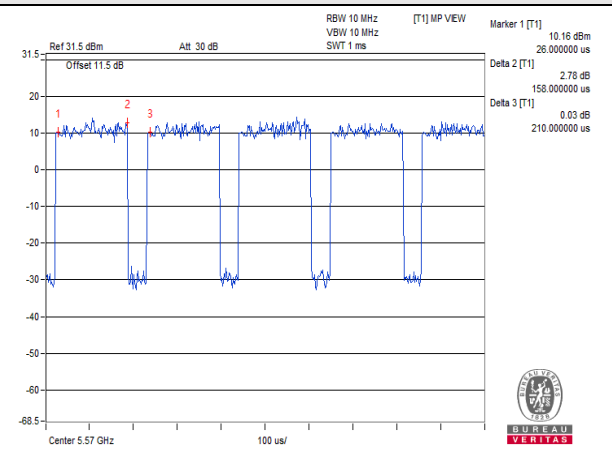
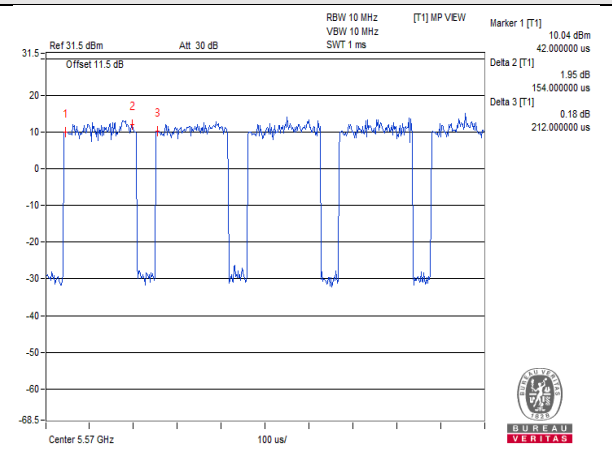
802.11ac (VHT160)

Chain B

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
V_{normal}	0.15	0.15
$V_{max.}$	0.16	0.15
$V_{min.}$	0.16	0.15
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	

CH 50 (5250MHz)

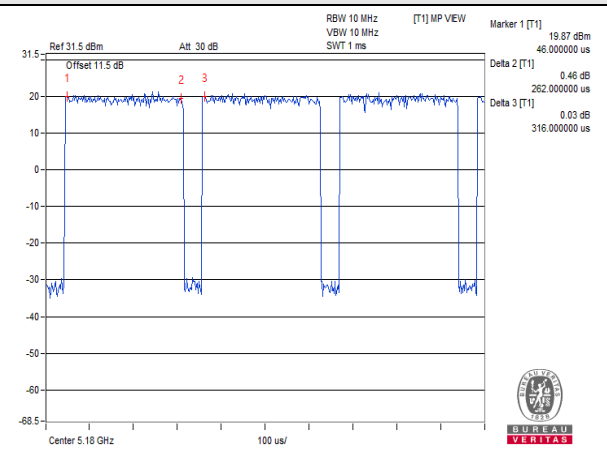
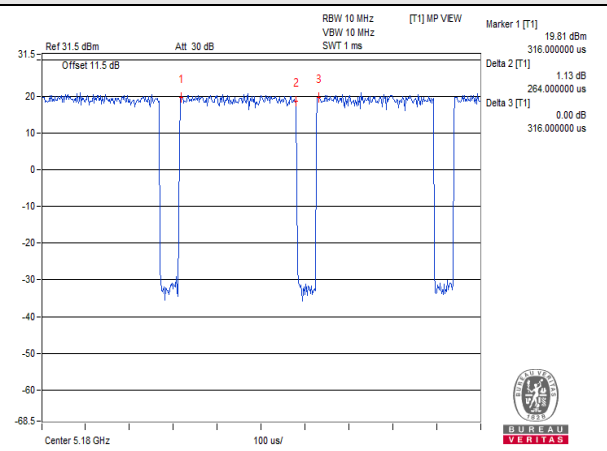
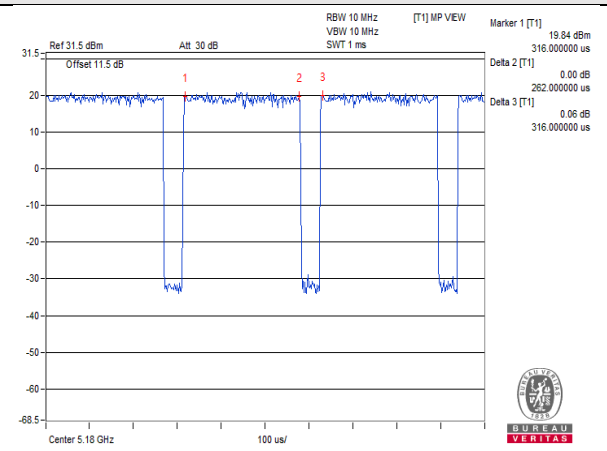
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

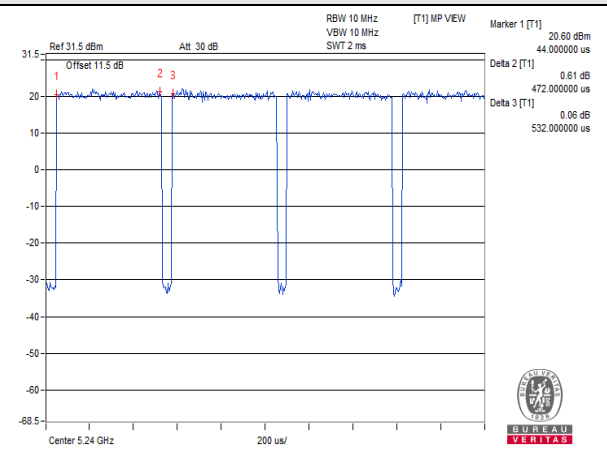
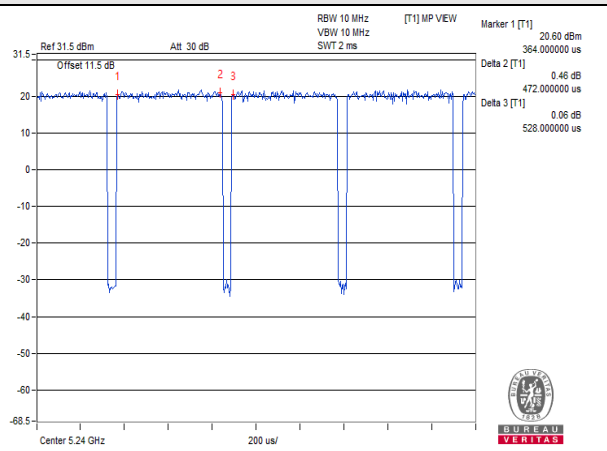
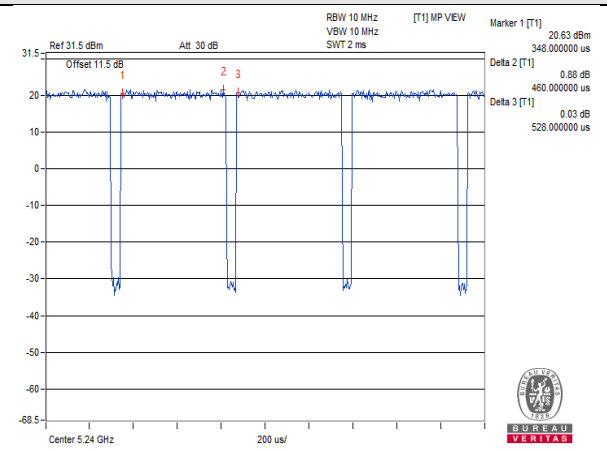
802.11ax (HE20)

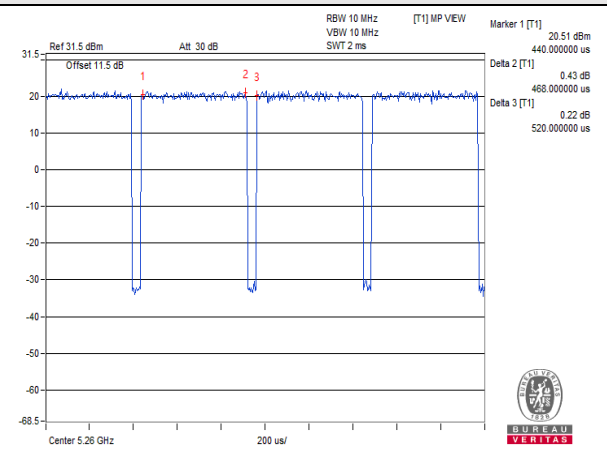
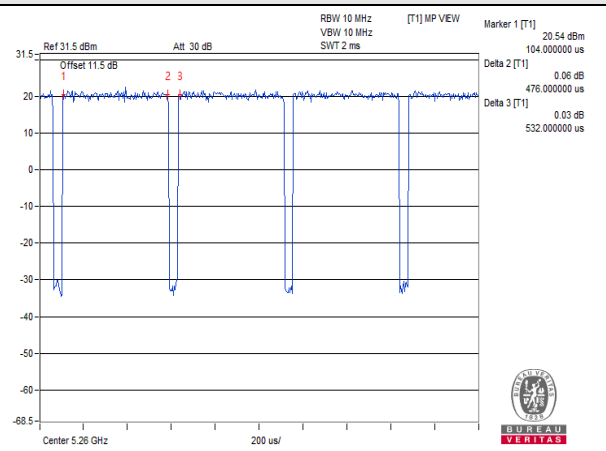
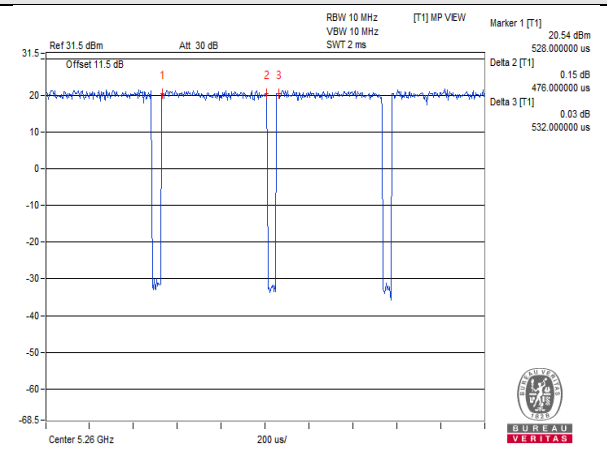
Chain B

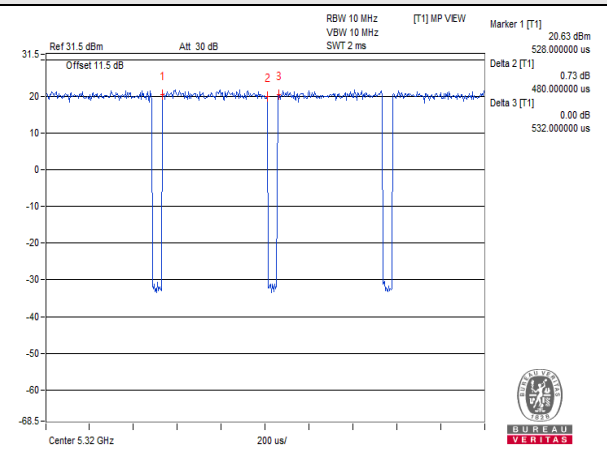
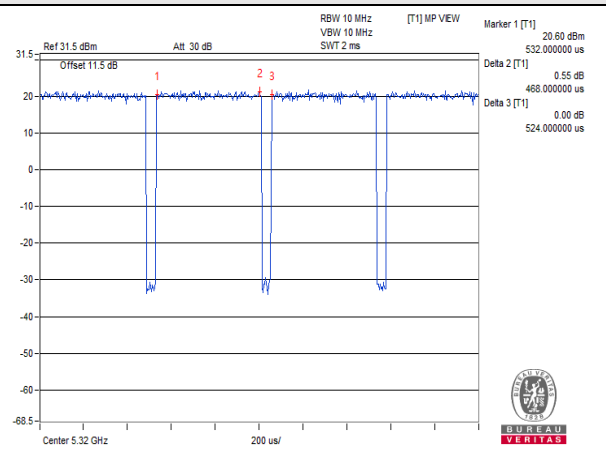
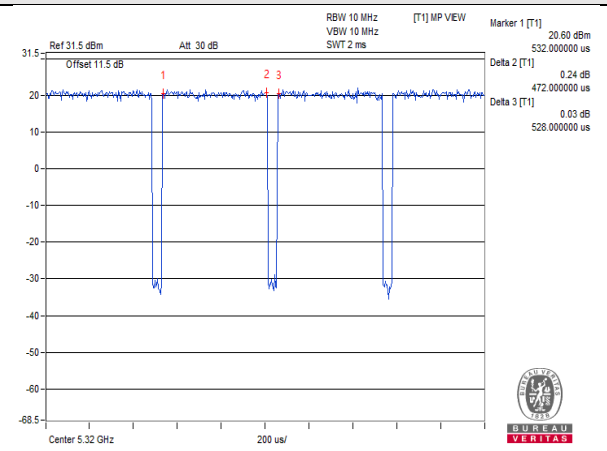
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.26	0.47	0.46	0.48
$V_{max.}$	0.26	0.47	0.47	0.46
$V_{min.}$	0.26	0.46	0.47	0.47
Limit	≦8ms			

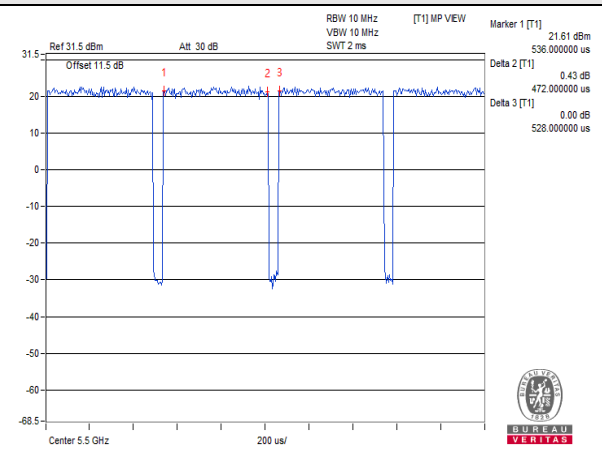
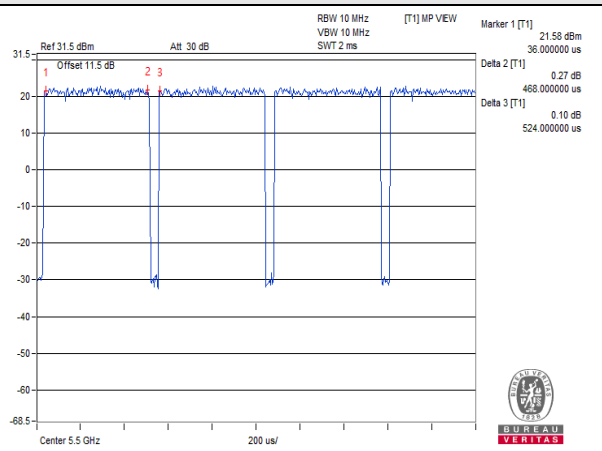
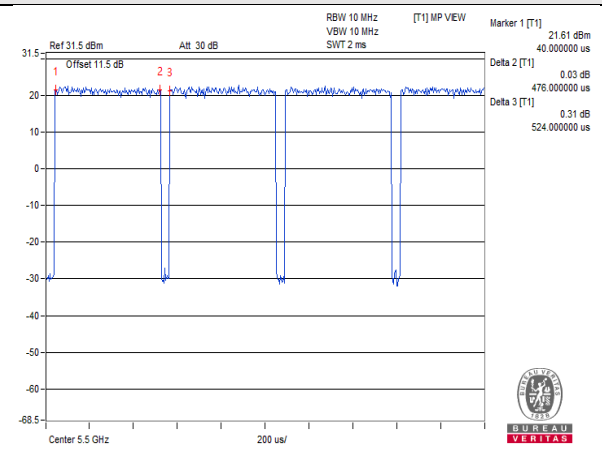
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.47	0.47	0.47
$V_{max.}$	0.46	0.47	0.47
$V_{min.}$	0.47	0.47	0.47
Limit	≦8ms		

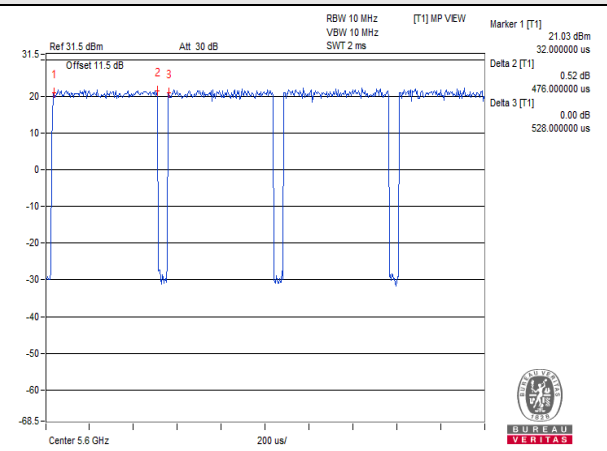
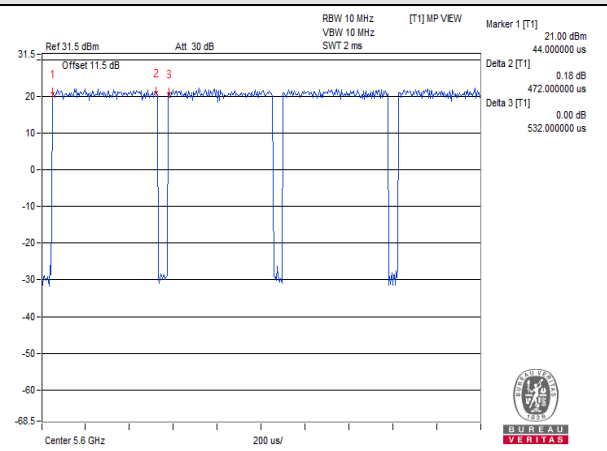
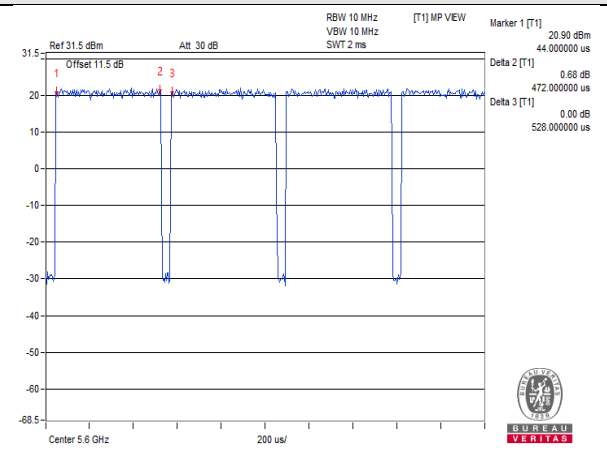
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

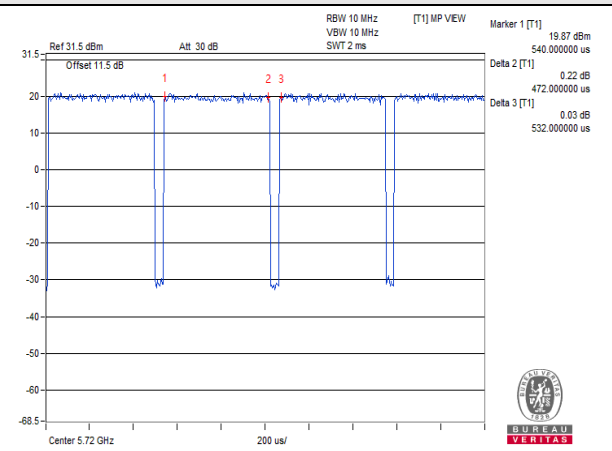
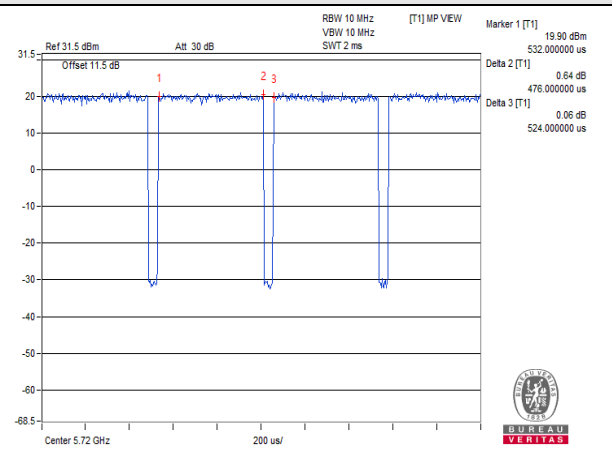
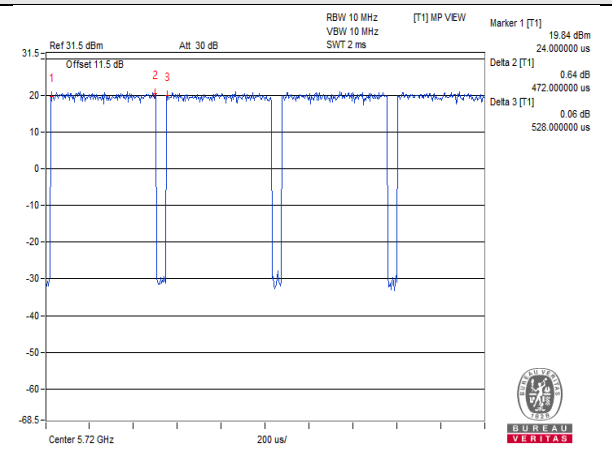
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

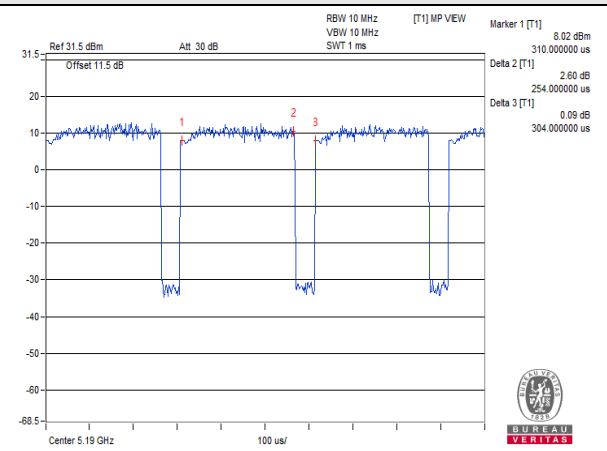
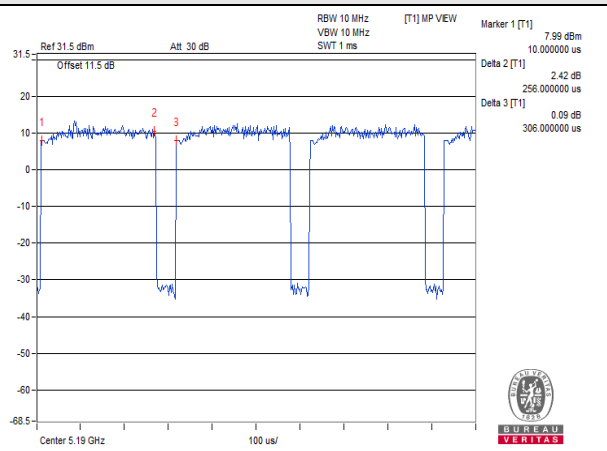
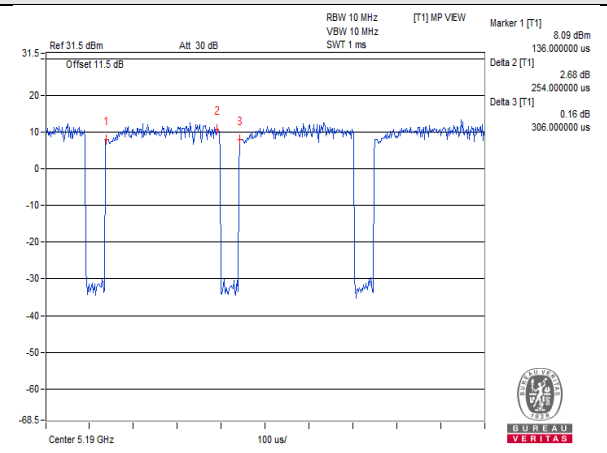
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

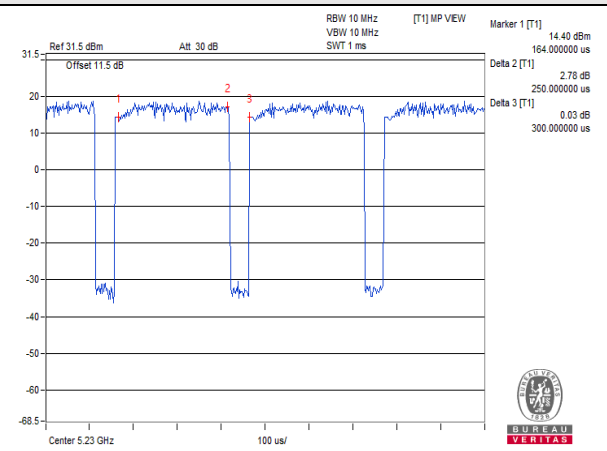
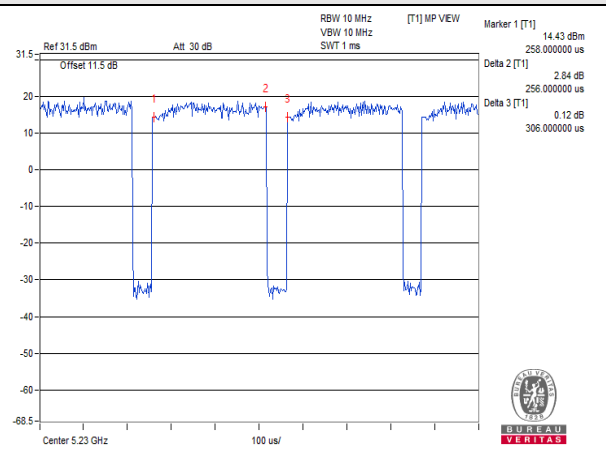
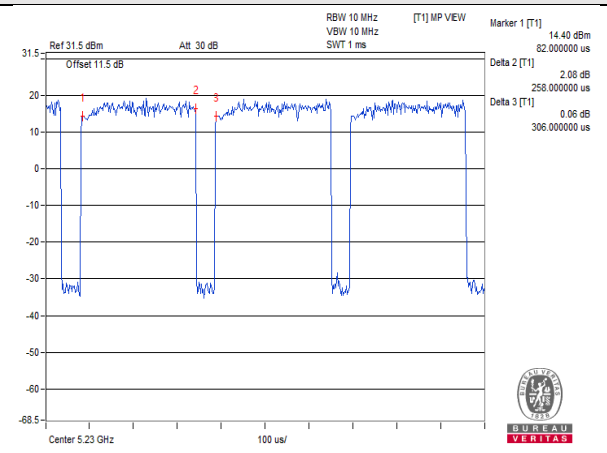
802.11ax (HE40)

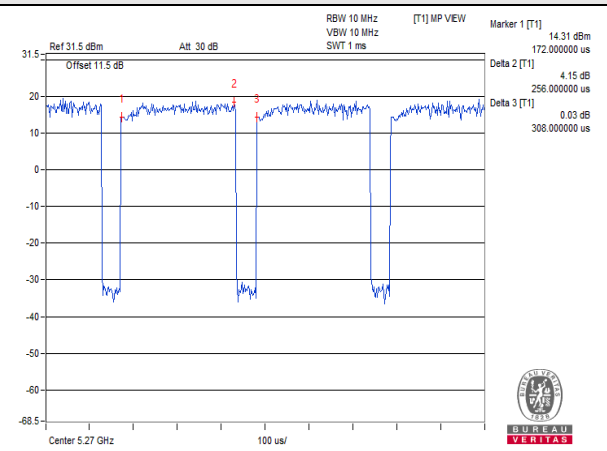
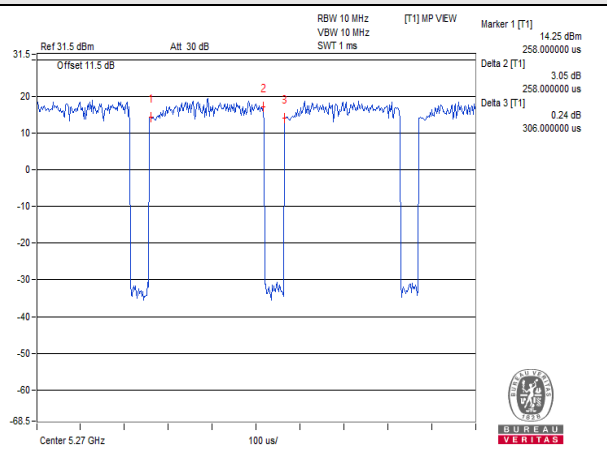
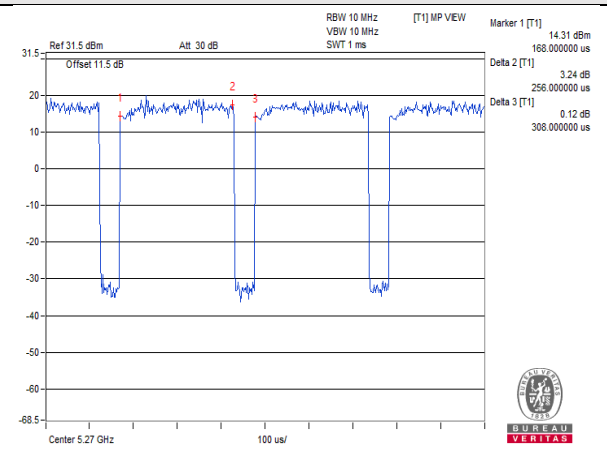
Chain B

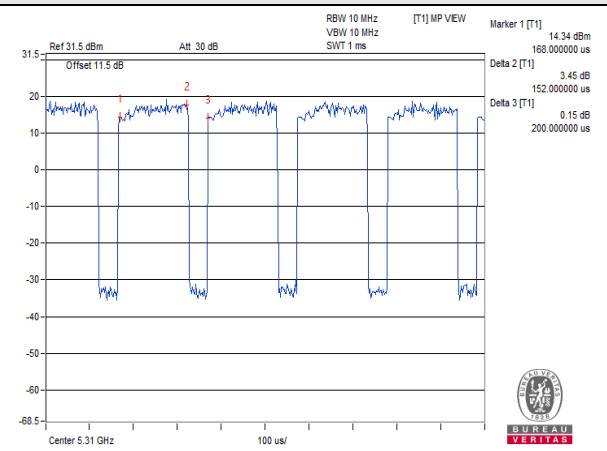
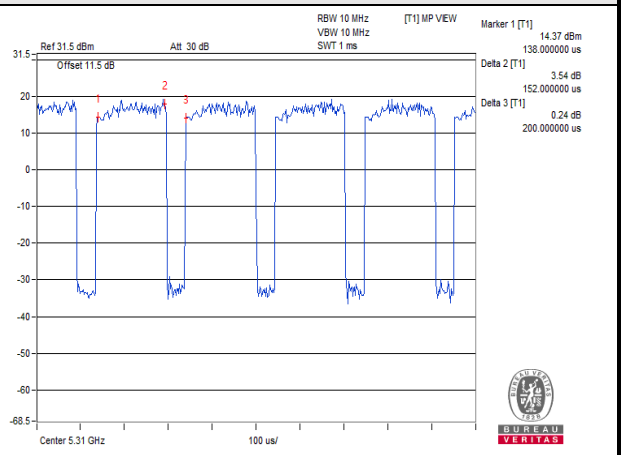
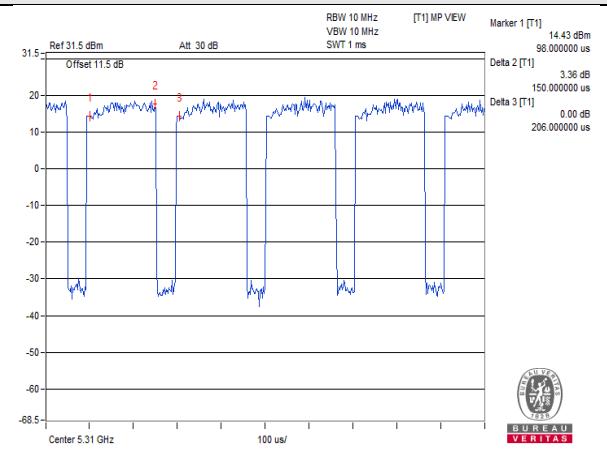
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.25	0.25	0.25	0.15
$V_{max.}$	0.25	0.25	0.25	0.15
$V_{min.}$	0.25	0.25	0.25	0.15
Limit	≦8ms			

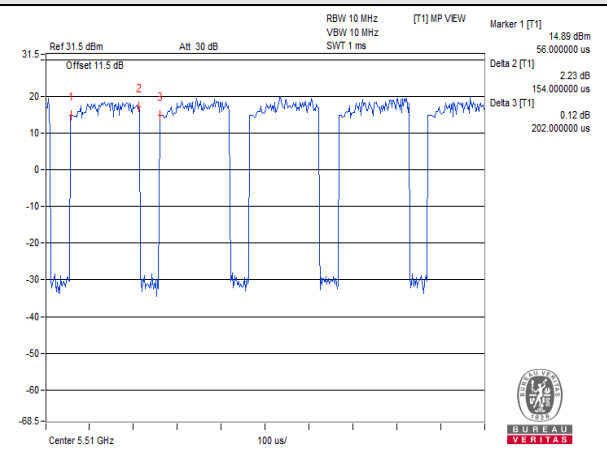
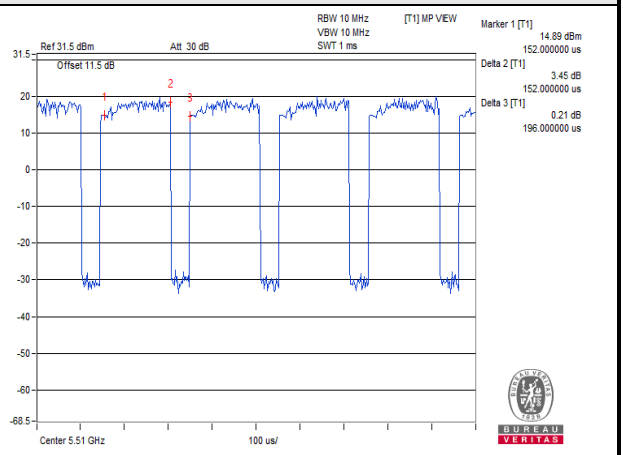
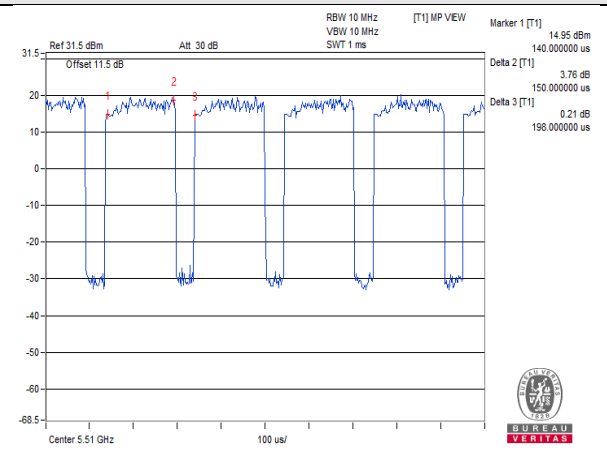
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.15	0.15	0.15
$V_{max.}$	0.15	0.15	0.15
$V_{min.}$	0.15	0.15	0.15
Limit	≦8ms		

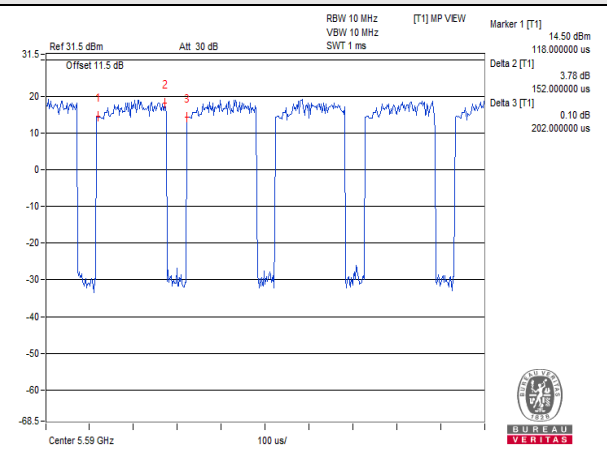
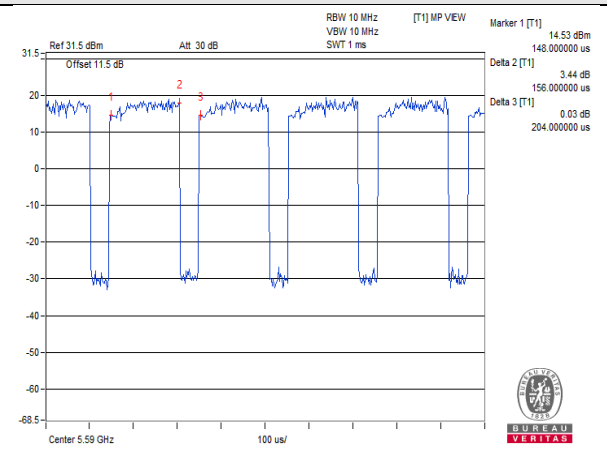
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

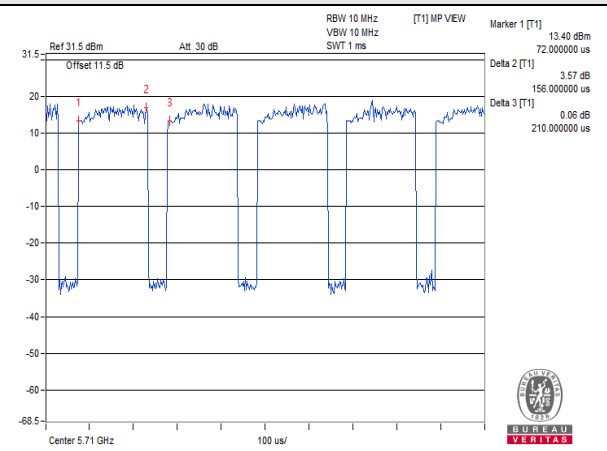
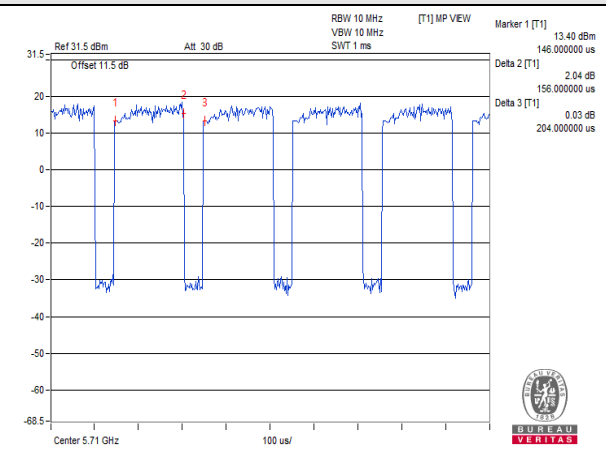
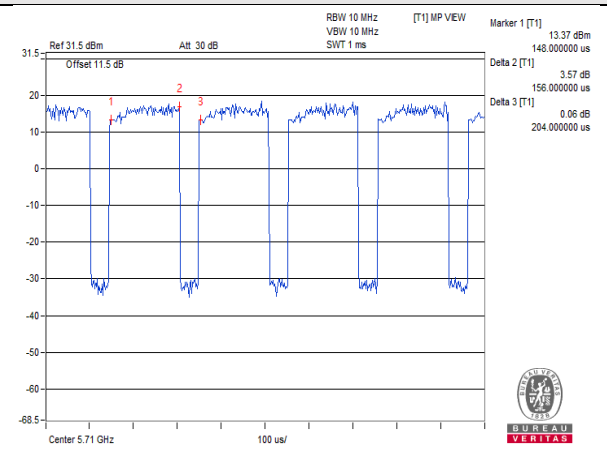
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

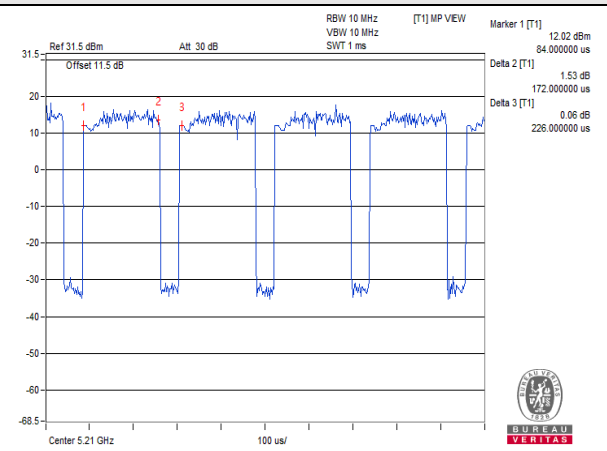
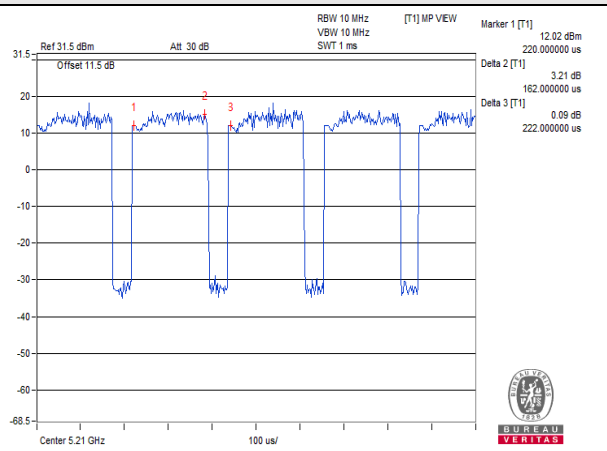
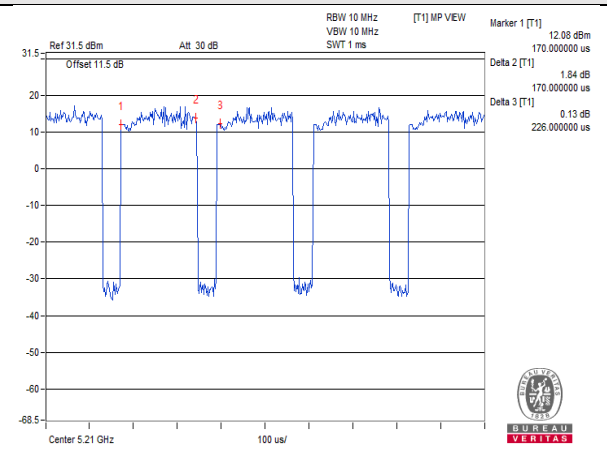
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

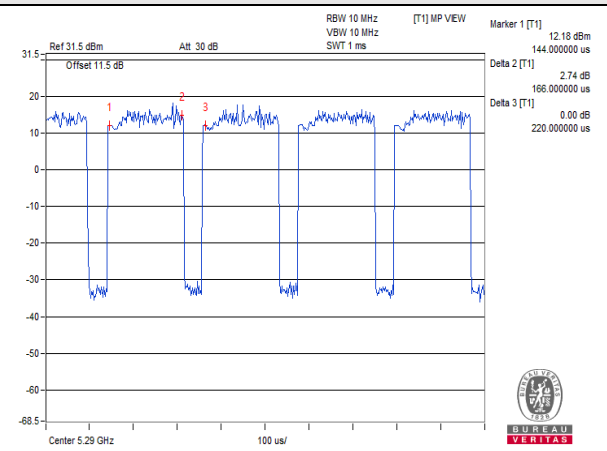
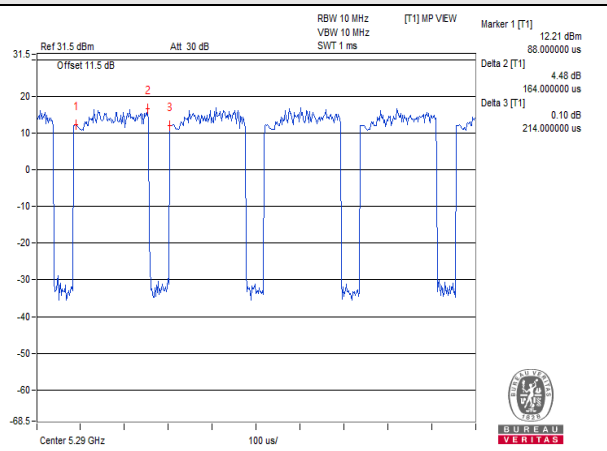
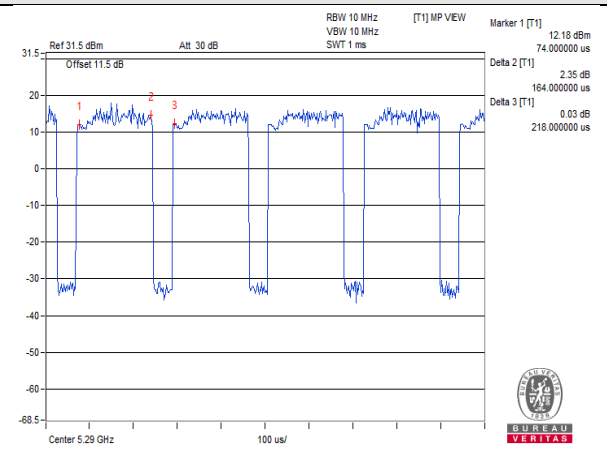
802.11ax (HE80)

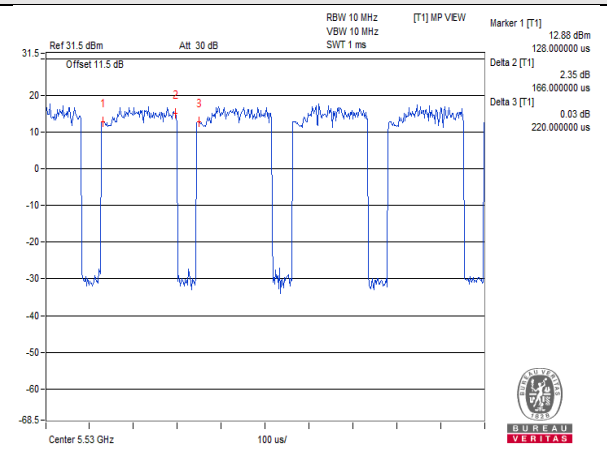
Chain B

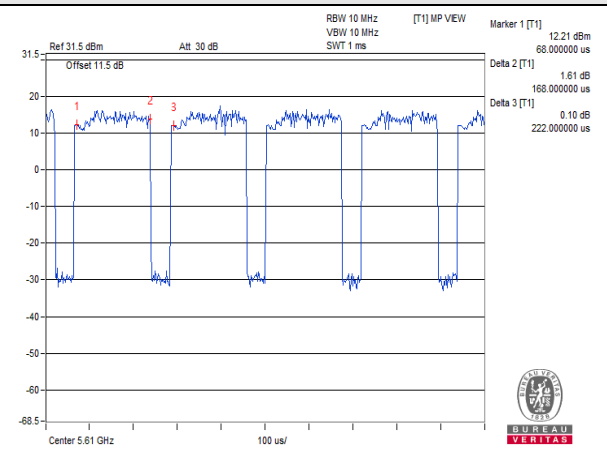
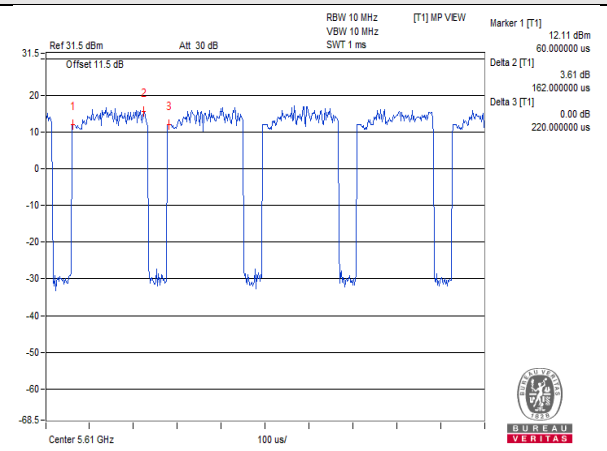
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.17	0.16	0.16	0.16
$V_{max.}$	0.16	0.16	0.16	0.16
$V_{min.}$	0.17	0.16	0.16	0.16
Limit	≦8ms			

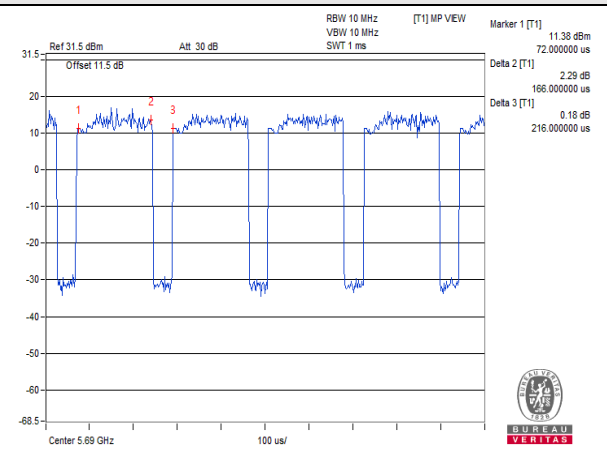
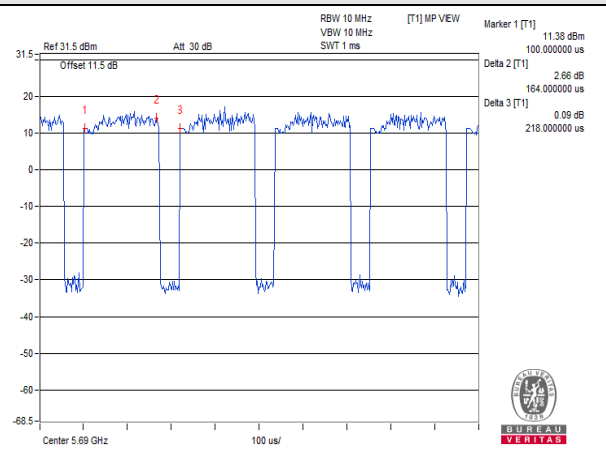
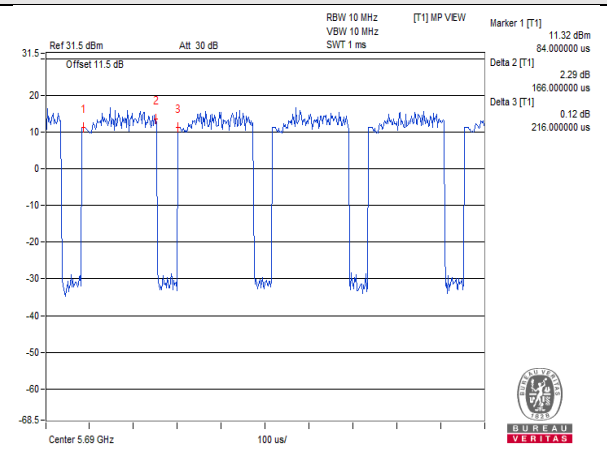
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.16
$V_{min.}$	0.16
Limit	≦8ms

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)	

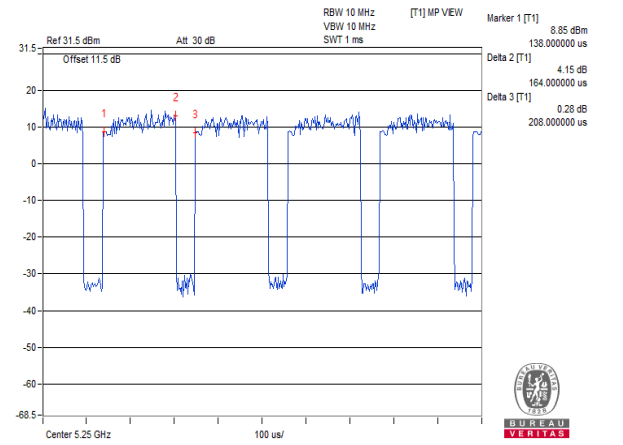
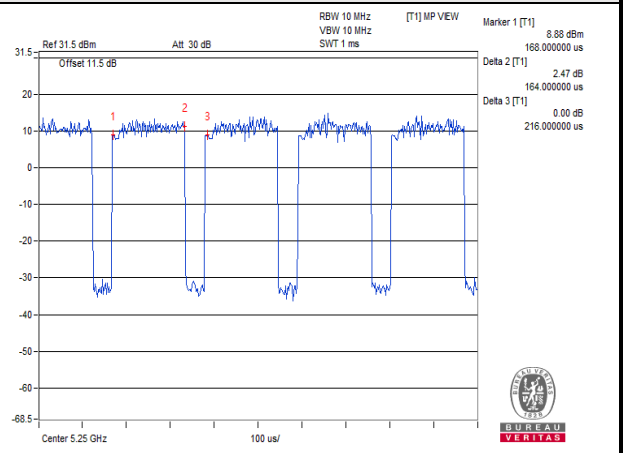
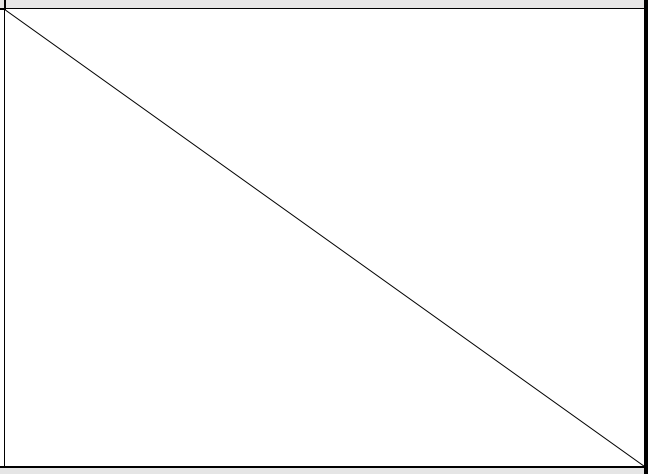
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	

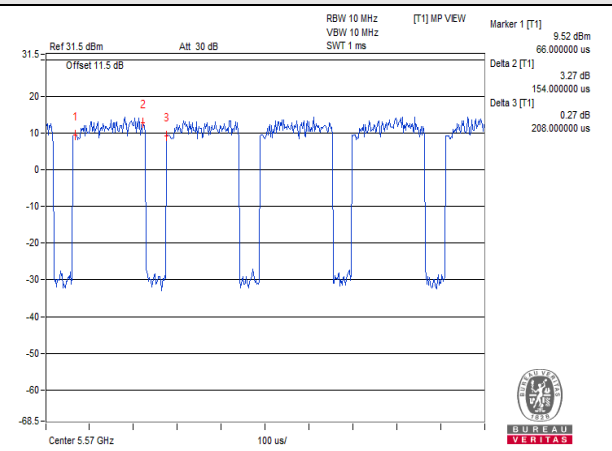
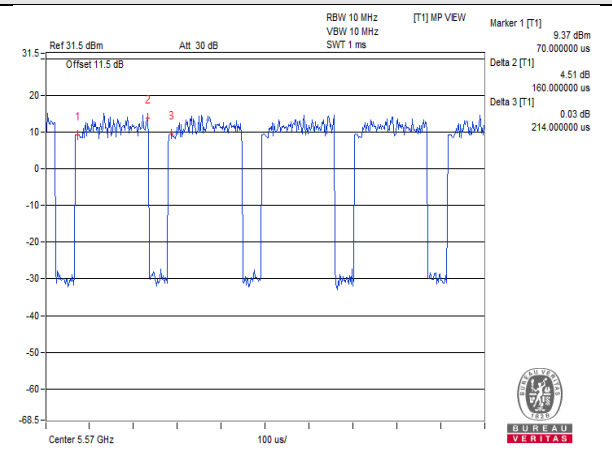
CH 138 (5690MHz)

802.11ax (HE160)

Chain B

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
Vnormal	0.16	0.15
Vmax.	0.16	0.16
Vmin.	0.16	0.16
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 50 (5250MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

MIMO

W52, W53 & W56 bands:

802.11n (HT20)

Chain A

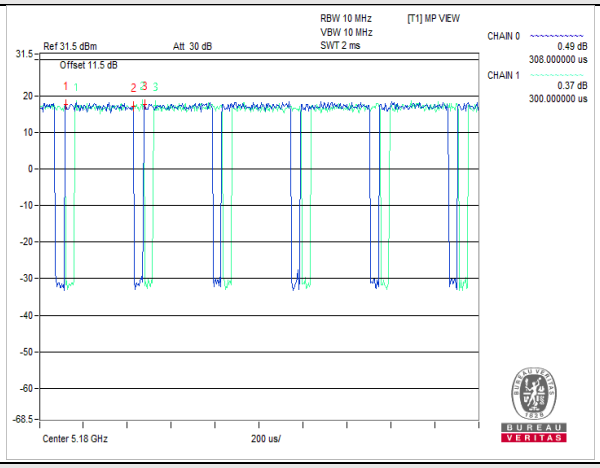
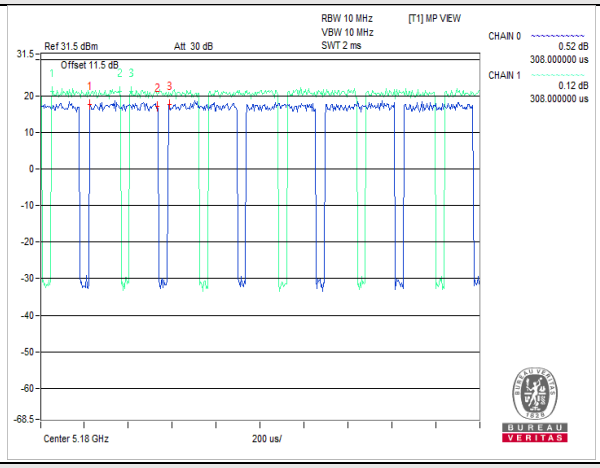
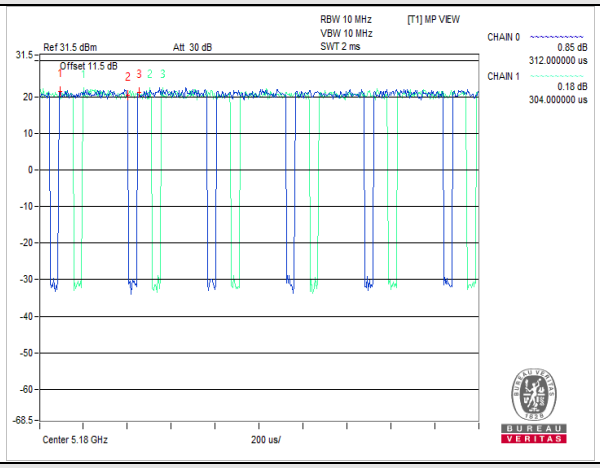
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.30	0.30	0.30	0.30
$V_{max.}$	0.30	0.30	0.30	0.31
$V_{min.}$	0.31	0.30	0.30	0.29
Limit	≦8ms			

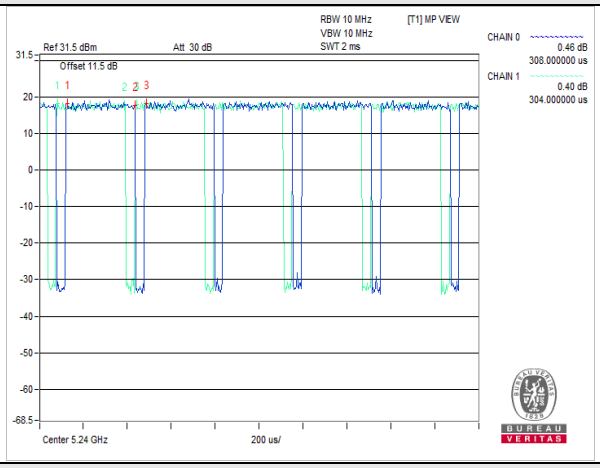
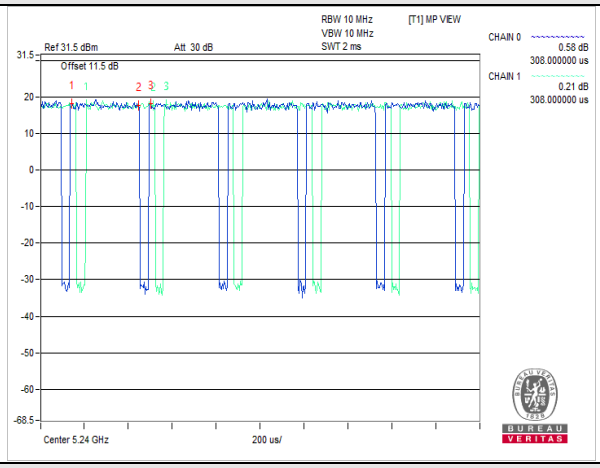
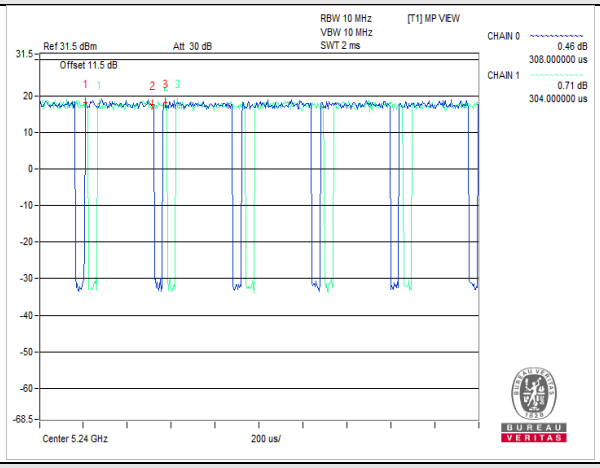
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.30	0.31	0.29
$V_{max.}$	0.30	0.30	0.30
$V_{min.}$	0.30	0.30	0.30
Limit	≦8ms		

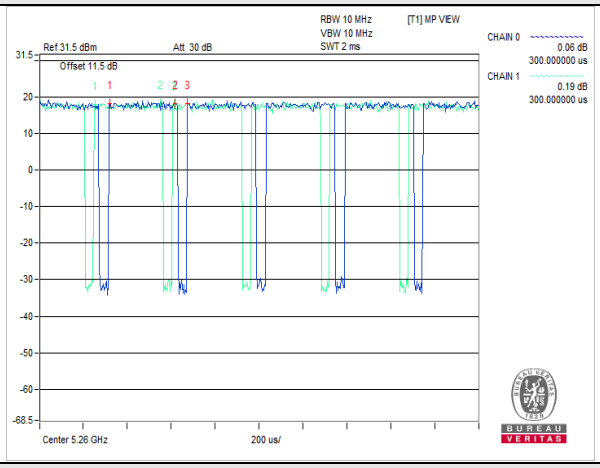
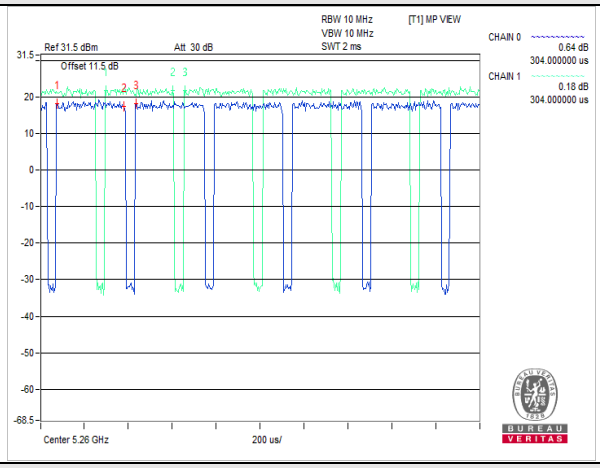
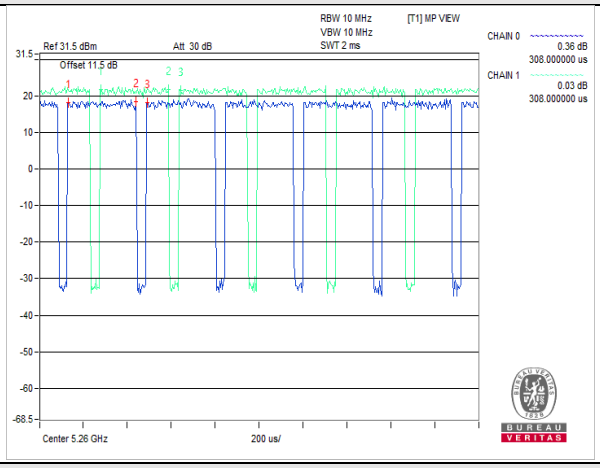
Chain B

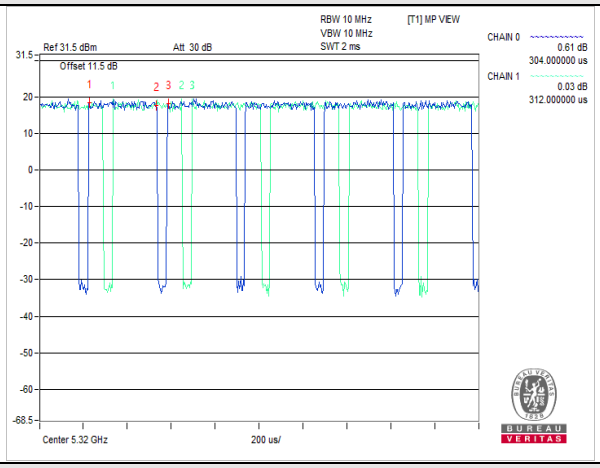
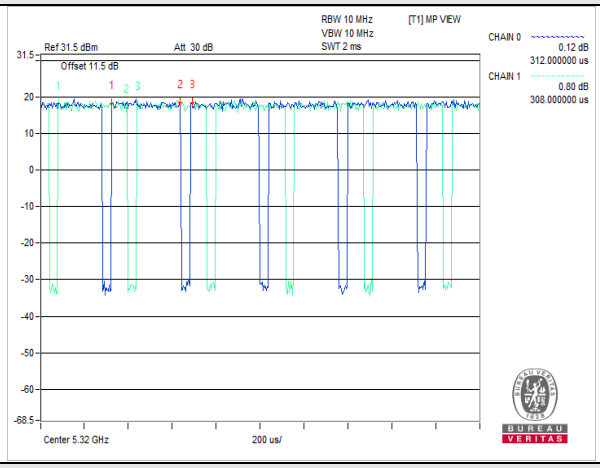
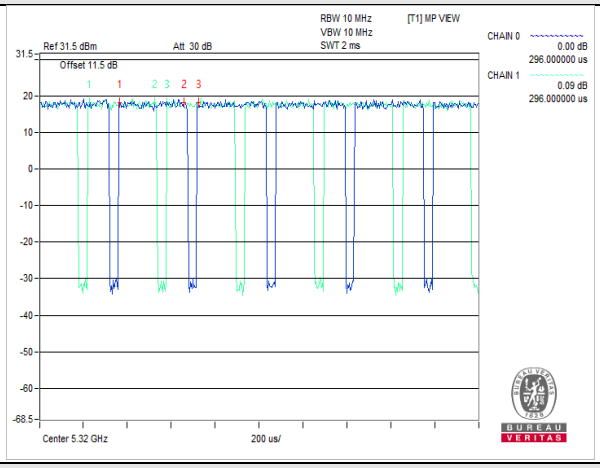
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.30	0.30	0.30	0.31
$V_{max.}$	0.30	0.30	0.30	0.30
$V_{min.}$	0.30	0.30	0.30	0.29
Limit	≦8ms			

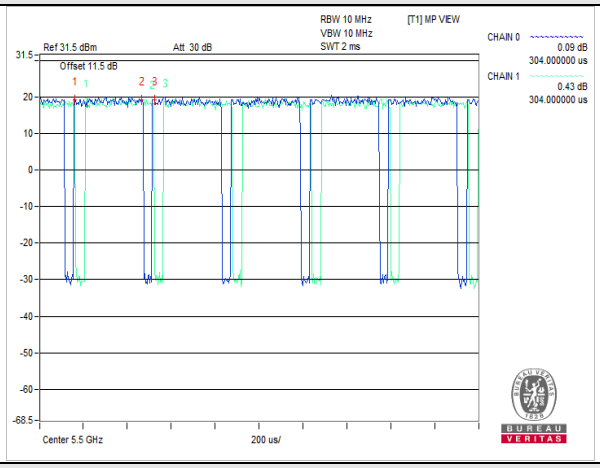
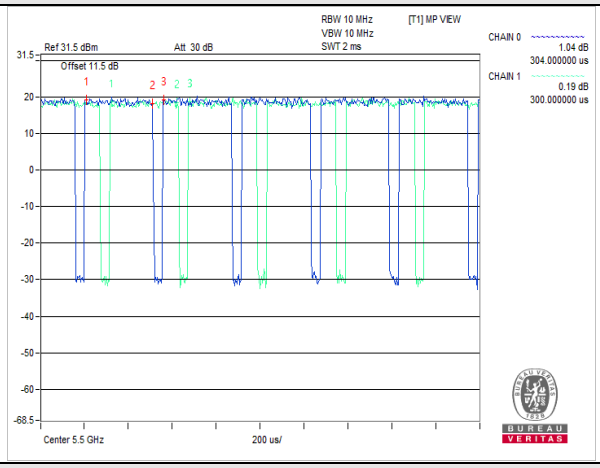
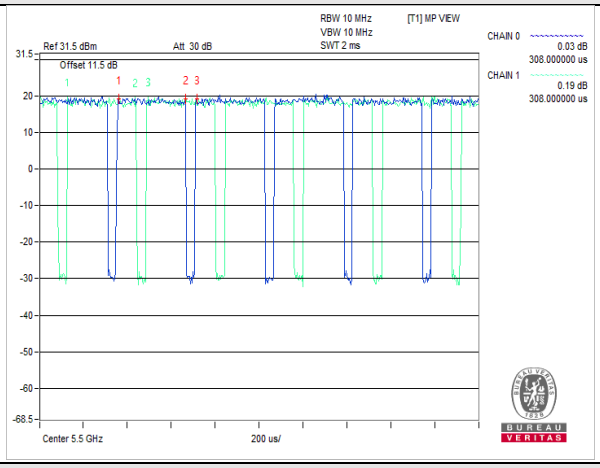
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.30	0.29	0.30
$V_{max.}$	0.30	0.30	0.30
$V_{min.}$	0.30	0.30	0.30
Limit	≦8ms		

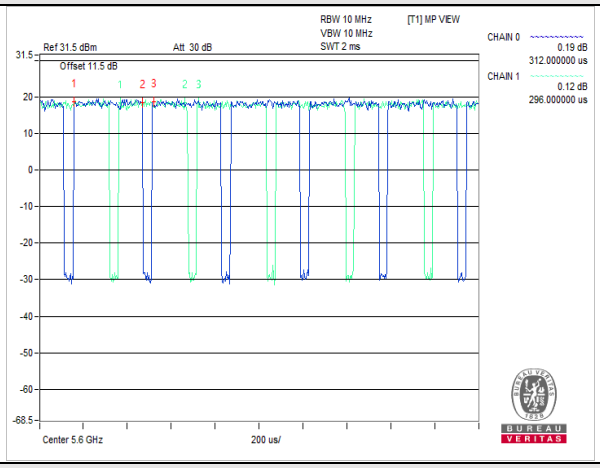
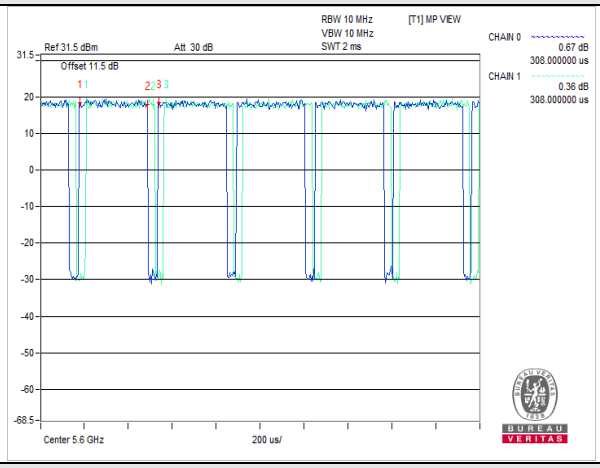
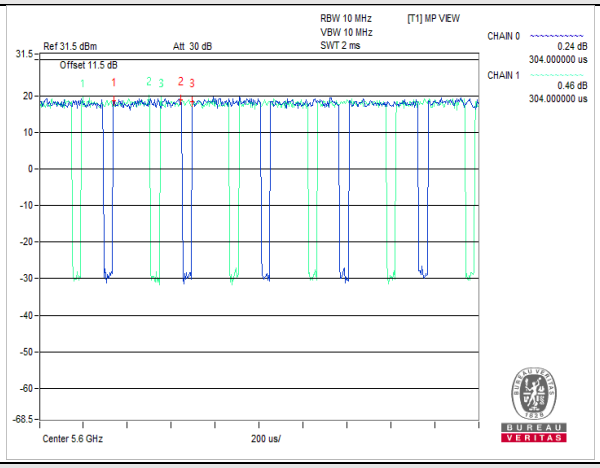
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

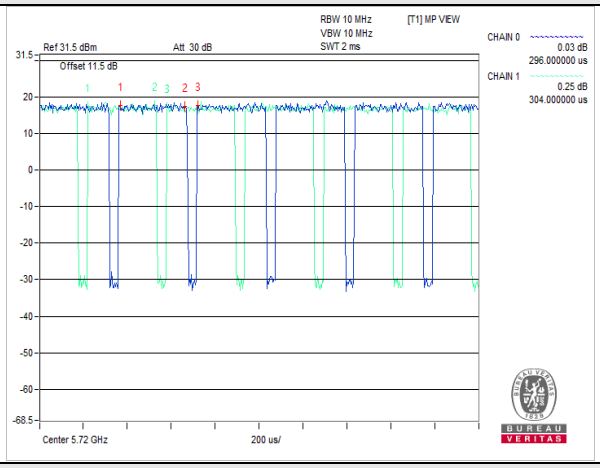
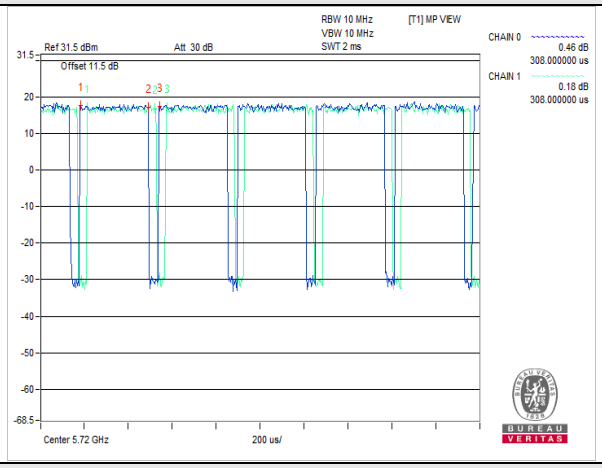
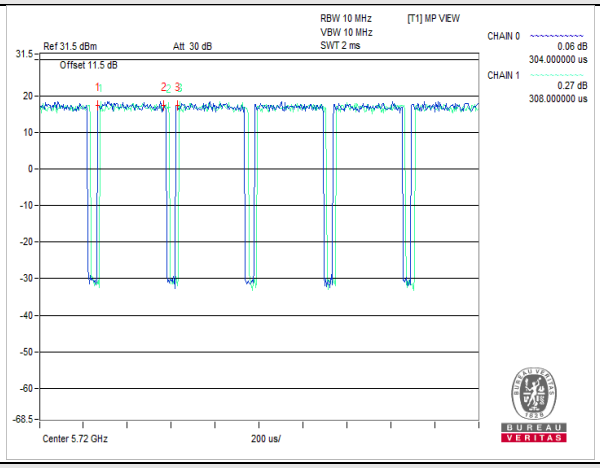
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

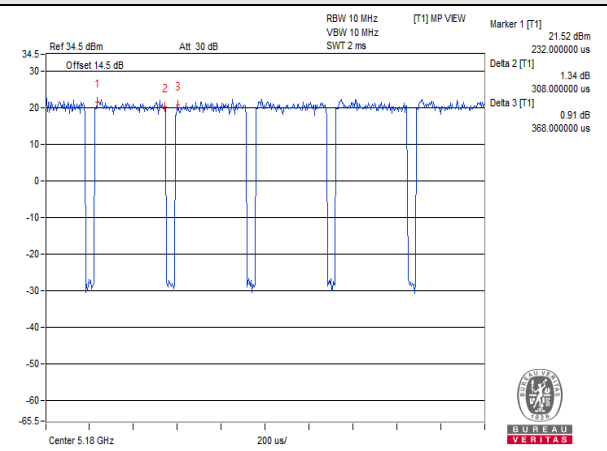
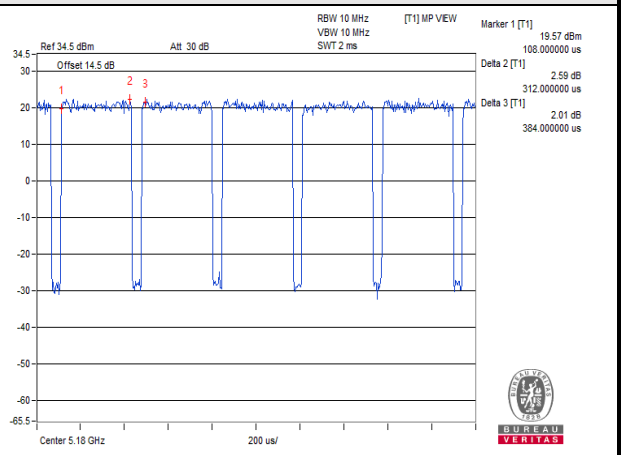
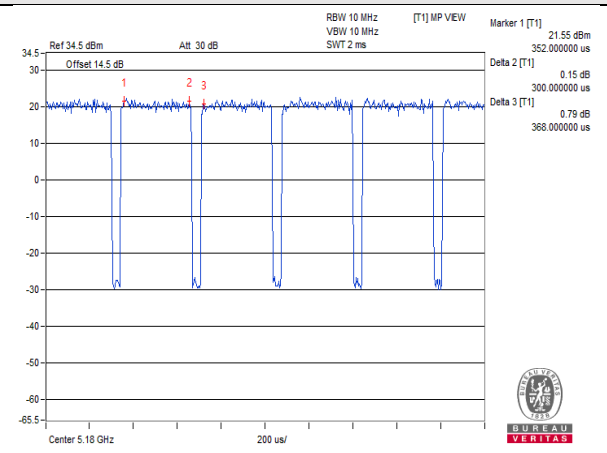
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 120 (5600MHz)	

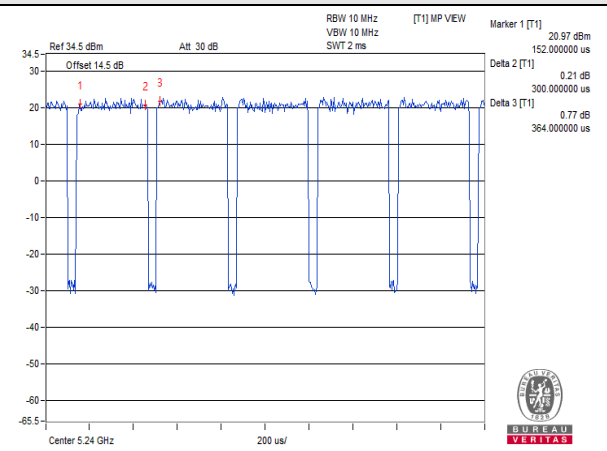
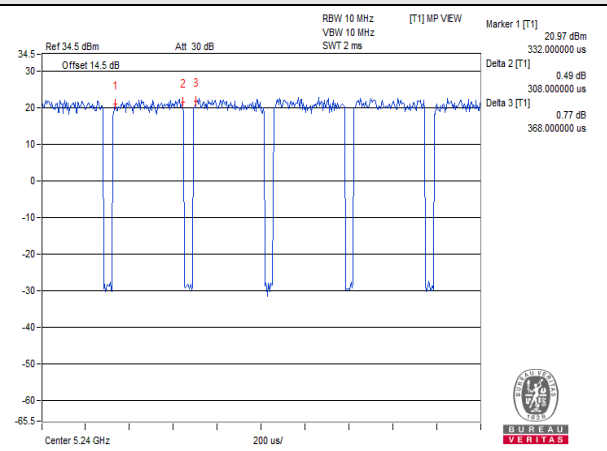
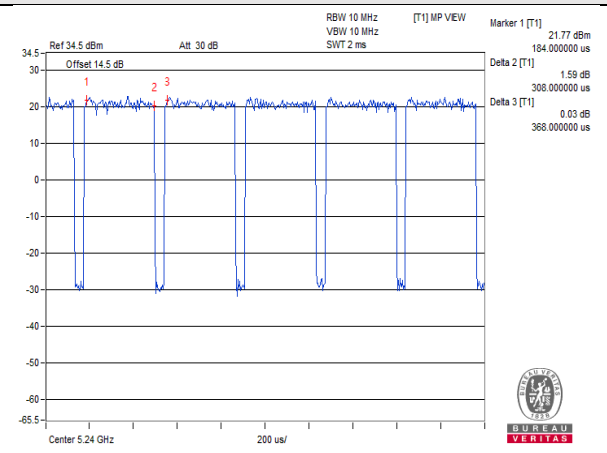
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

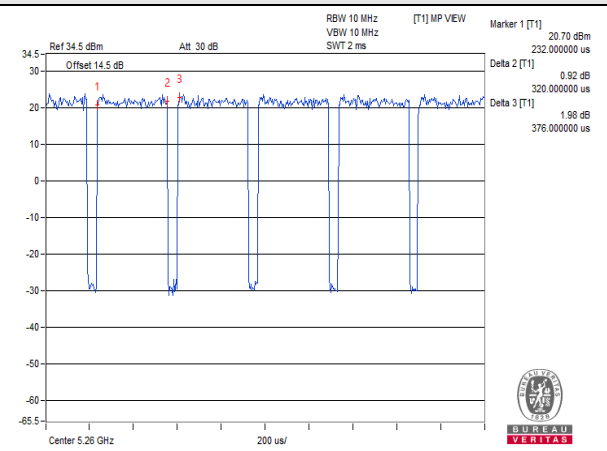
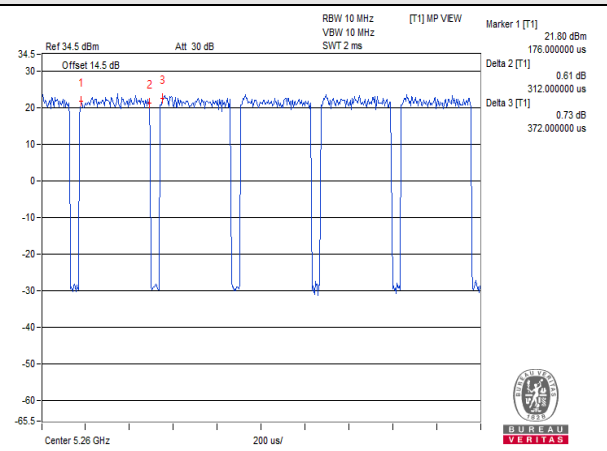
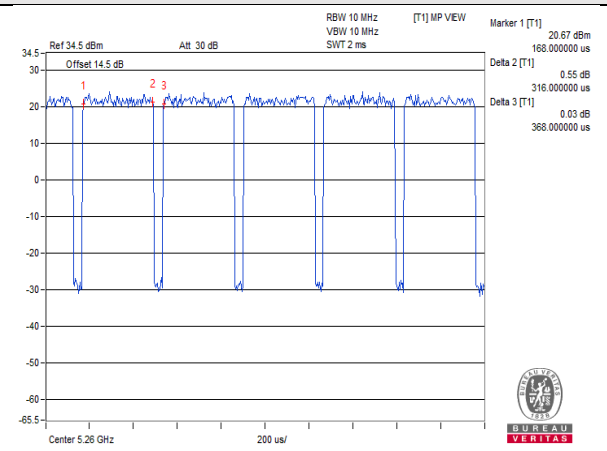
Use Combiner

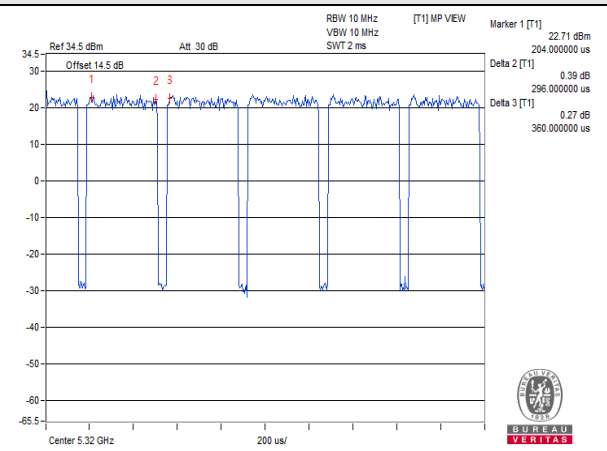
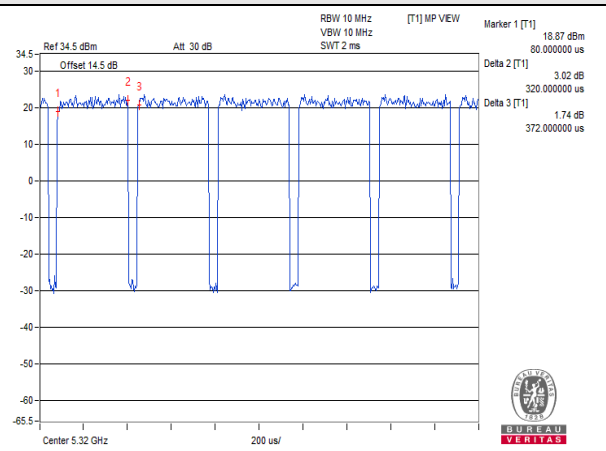
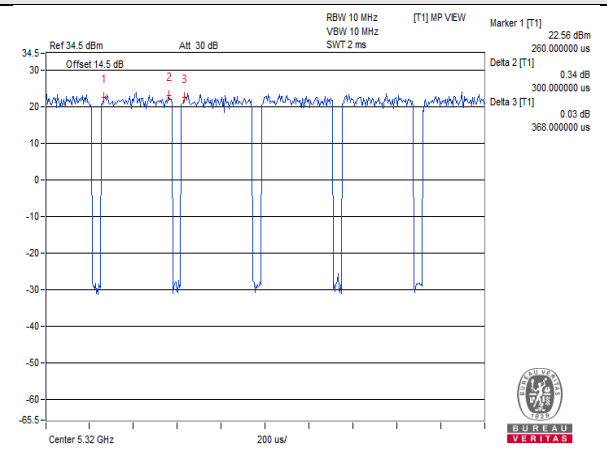
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.30	0.30	0.32	0.29
$V_{max.}$	0.31	0.30	0.31	0.32
$V_{min.}$	0.30	0.30	0.31	0.30
Limit	≦8ms			

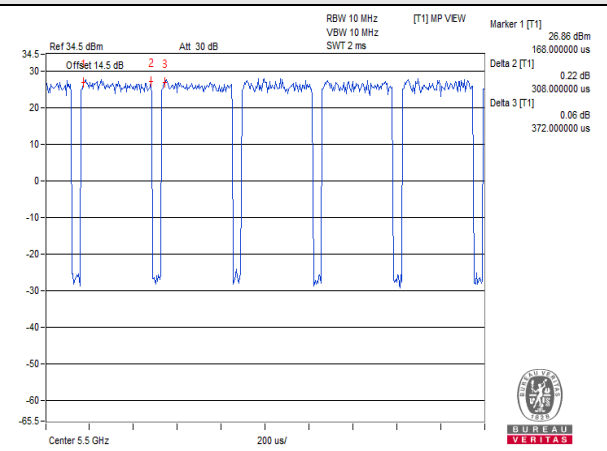
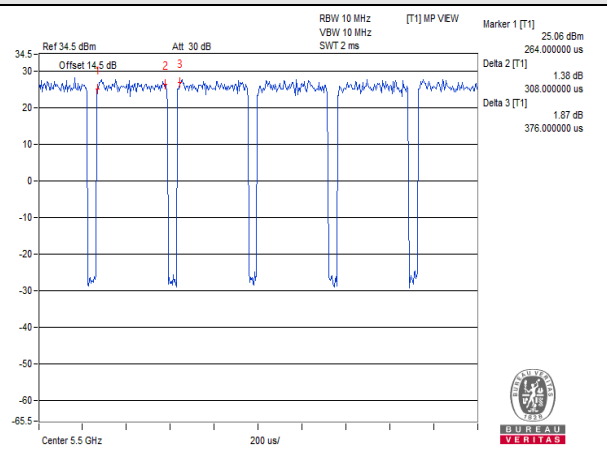
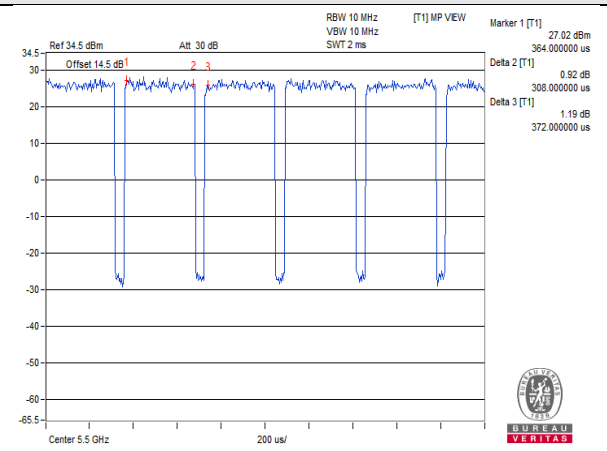
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.30	0.30	0.30
$V_{max.}$	0.30	0.30	0.30
$V_{min.}$	0.30	0.30	0.30
Limit	≦8ms		

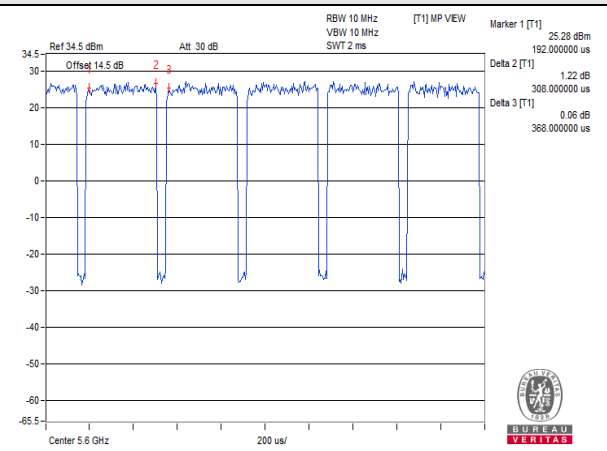
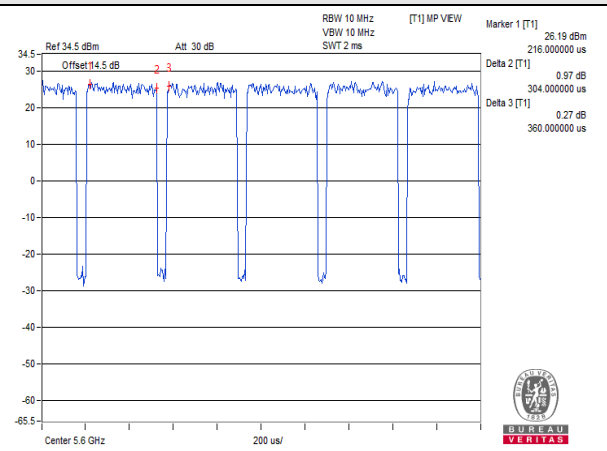
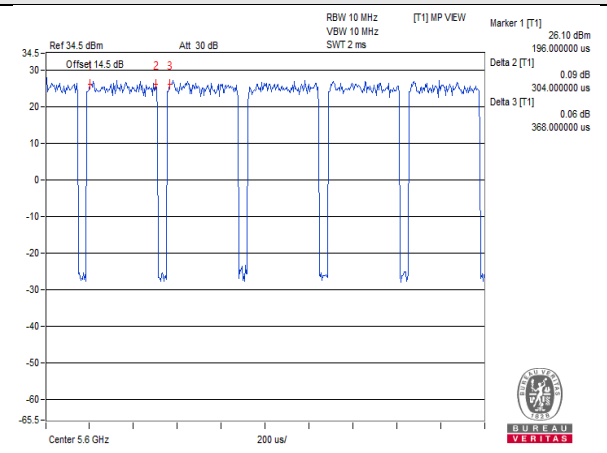
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

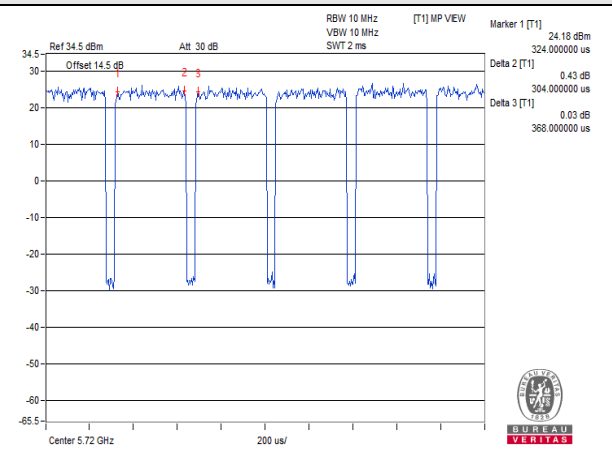
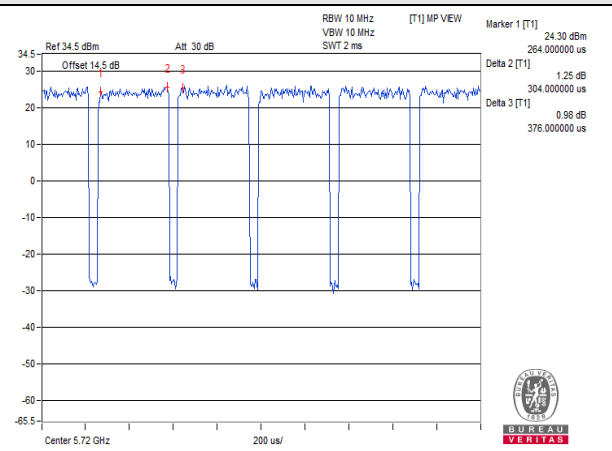
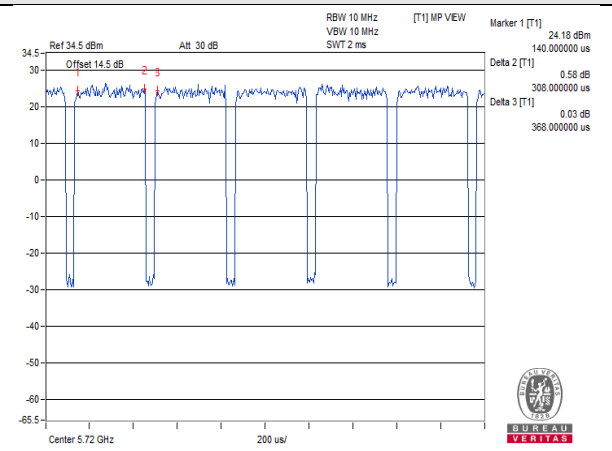
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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 144 (5720MHz)	

802.11n (HT40)

Chain A

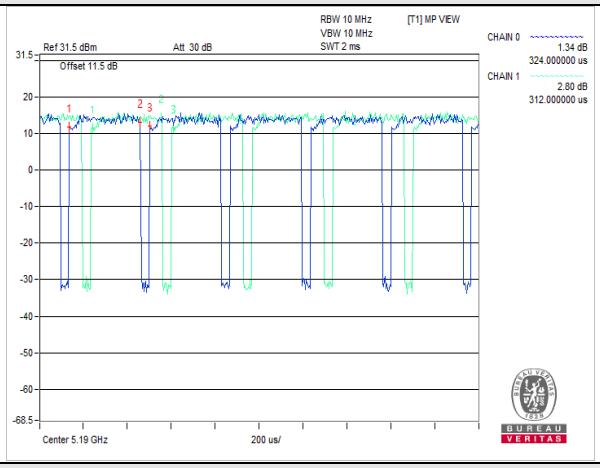
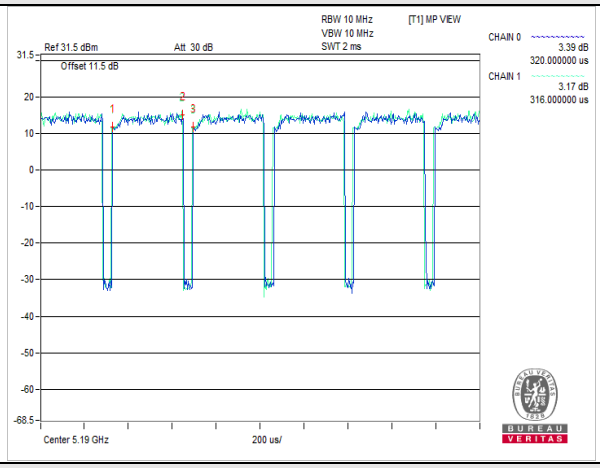
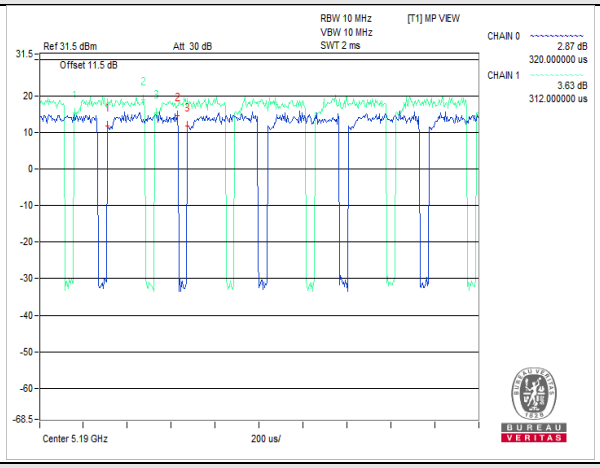
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.32	0.32	0.32	0.31
$V_{max.}$	0.32	0.31	0.32	0.32
$V_{min.}$	0.32	0.32	0.32	0.31
Limit	≦8ms			

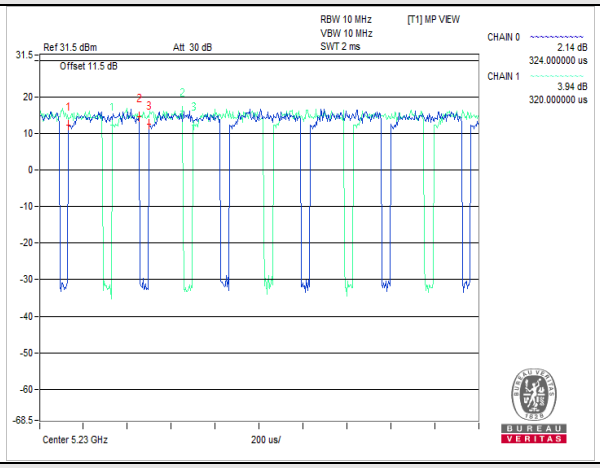
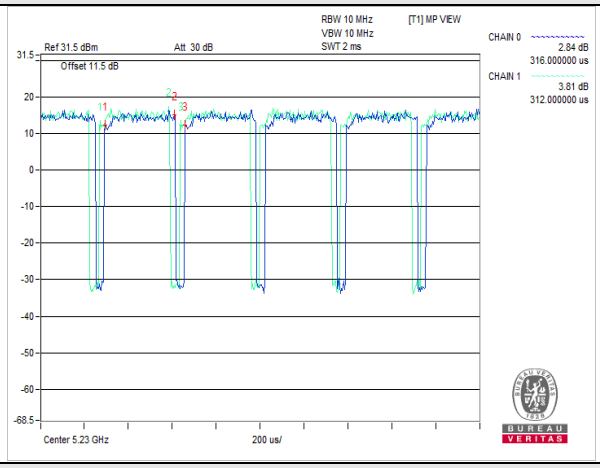
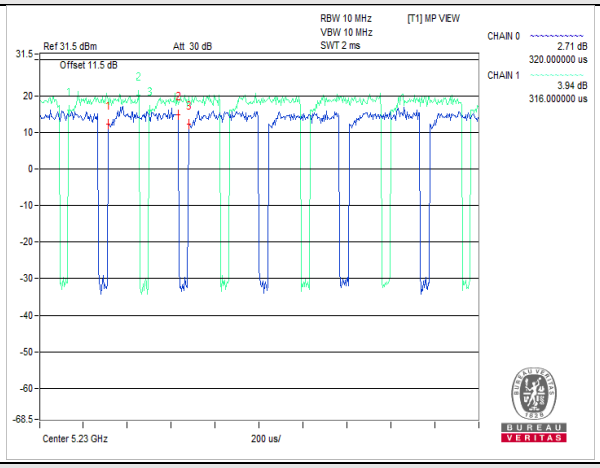
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.32	0.30	0.32
$V_{max.}$	0.32	0.31	0.32
$V_{min.}$	0.30	0.31	0.32
Limit	≦8ms		

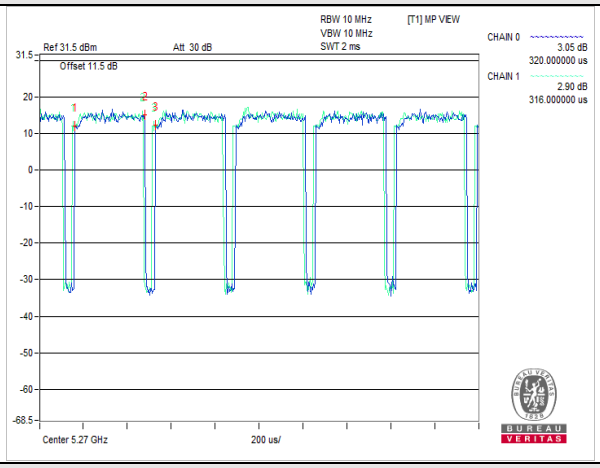
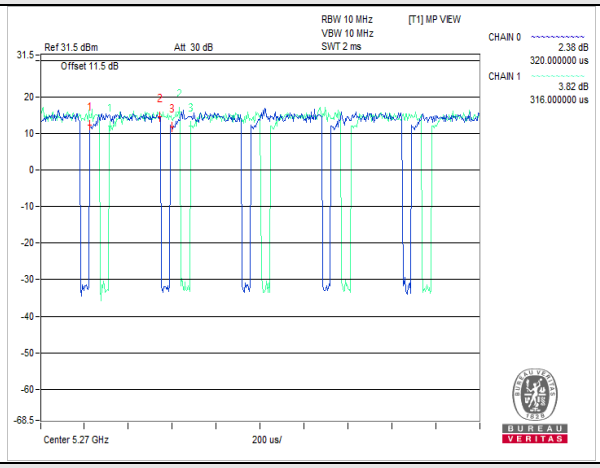
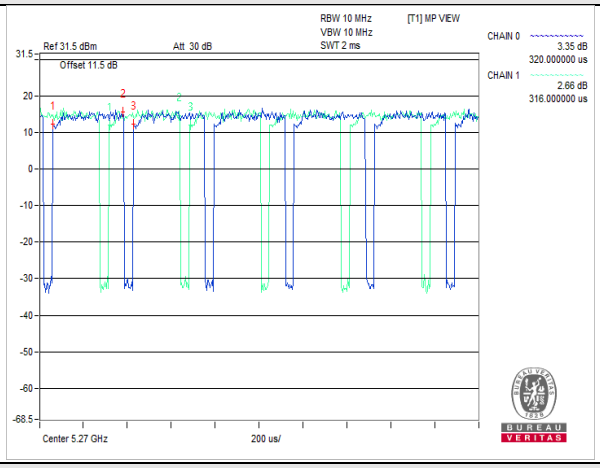
Chain B

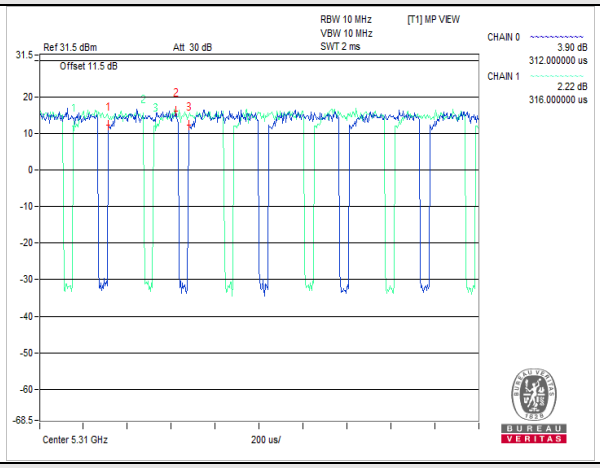
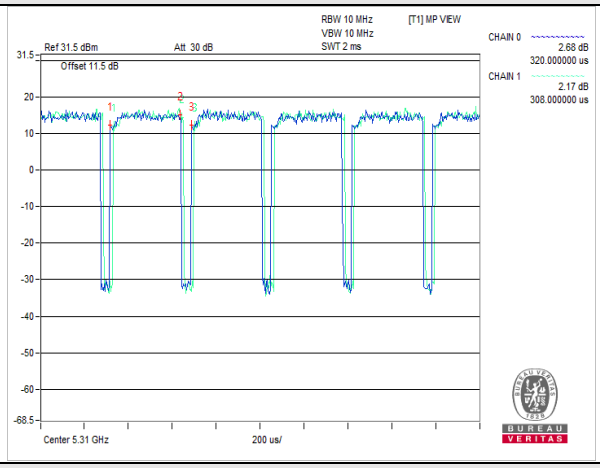
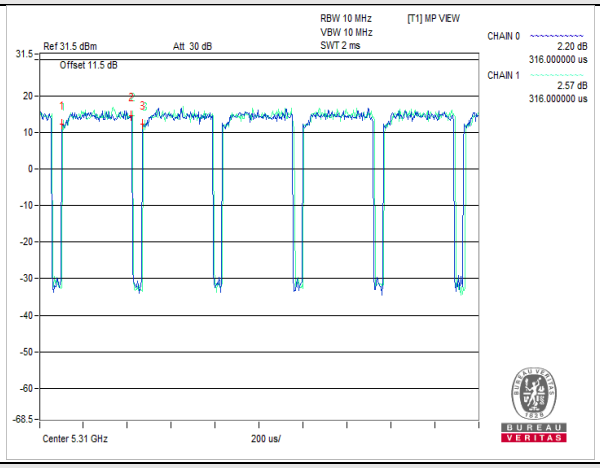
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.31	0.32	0.31	0.31
$V_{max.}$	0.31	0.31	0.31	0.30
$V_{min.}$	0.31	0.31	0.31	0.31
Limit	≦8ms			

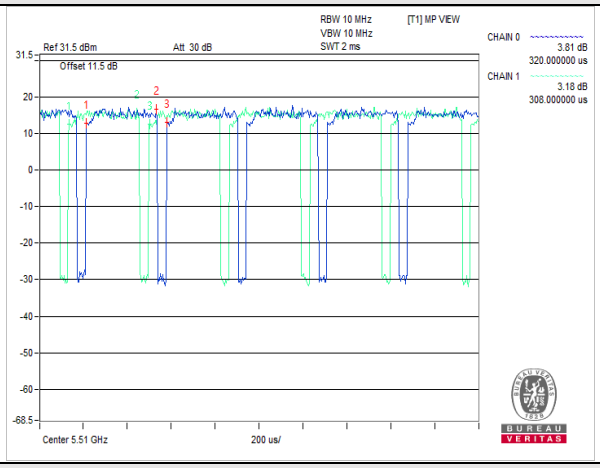
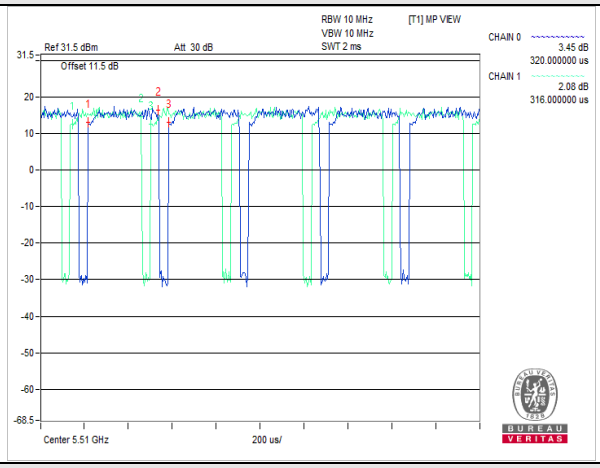
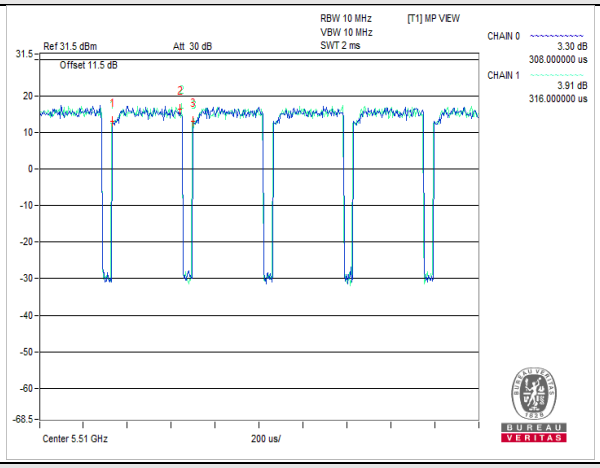
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.30	0.32	0.31
$V_{max.}$	0.31	0.31	0.30
$V_{min.}$	0.31	0.31	0.31
Limit	≦8ms		

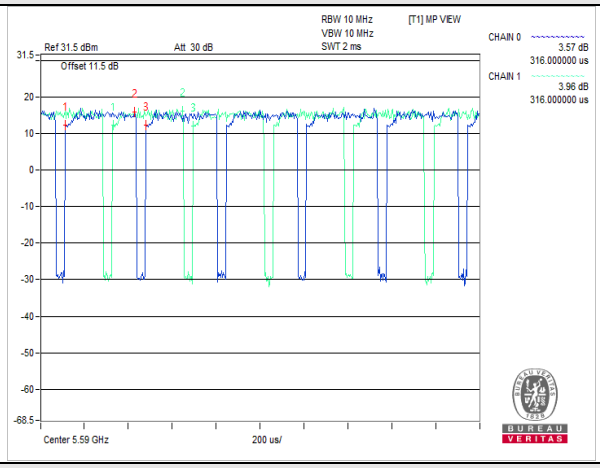
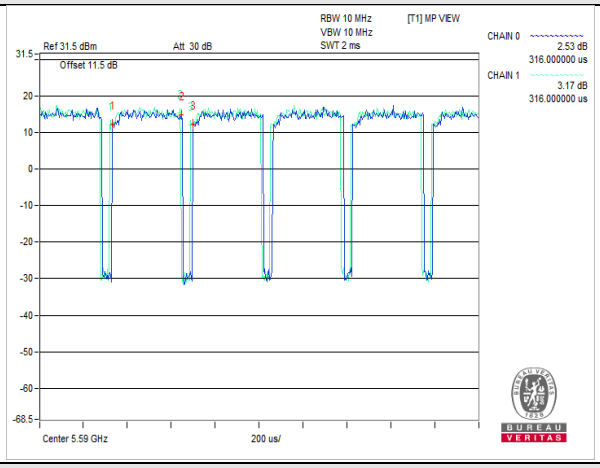
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

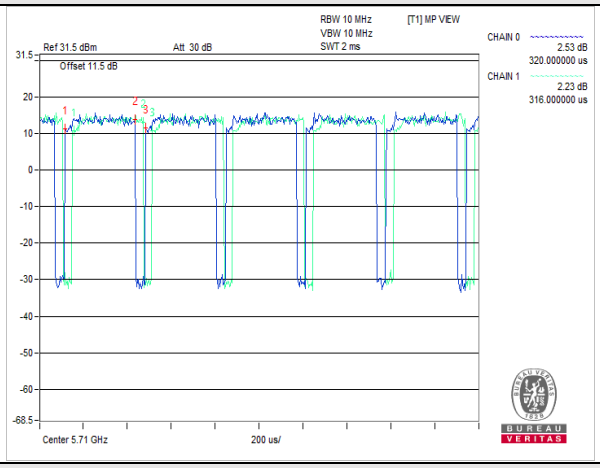
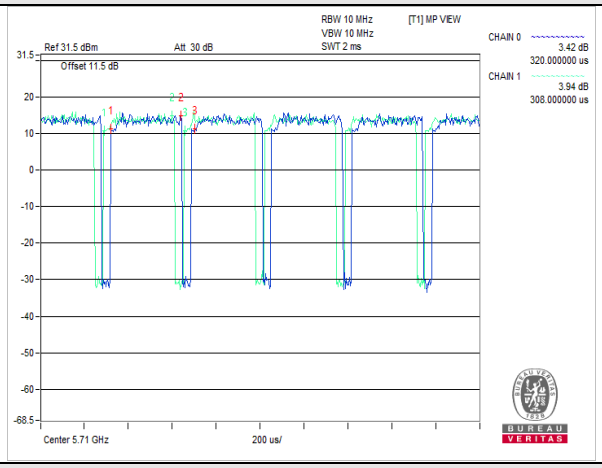
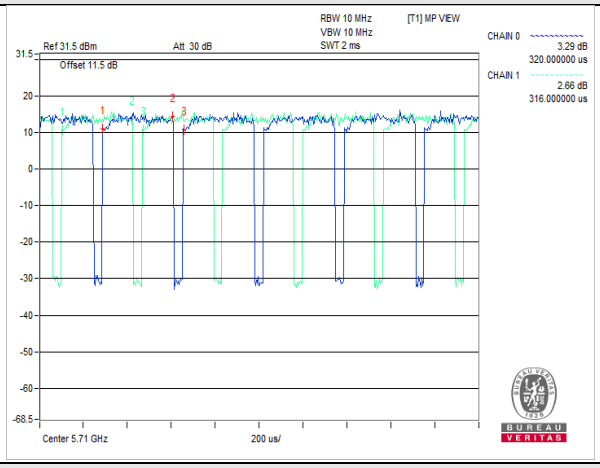
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

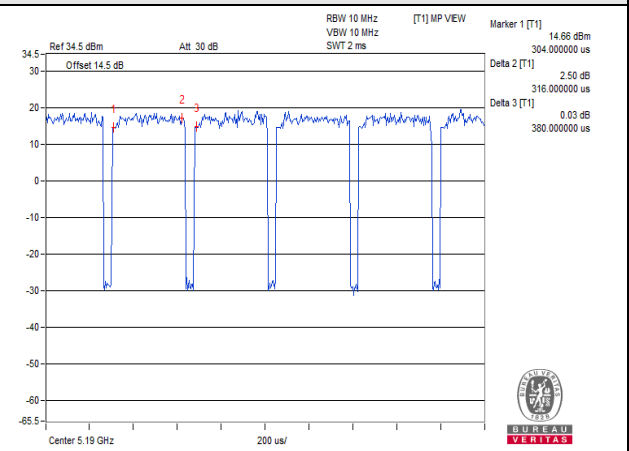
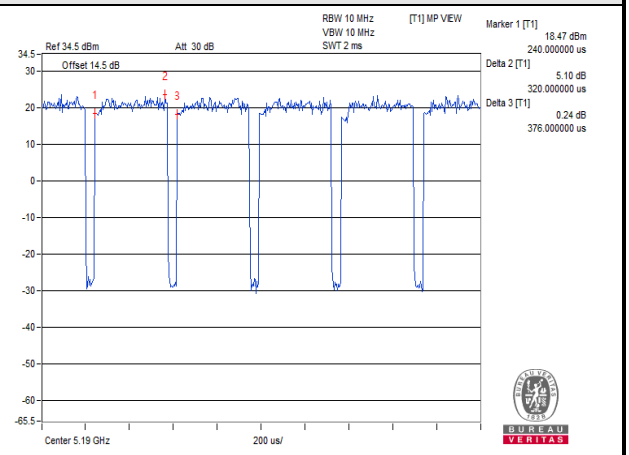
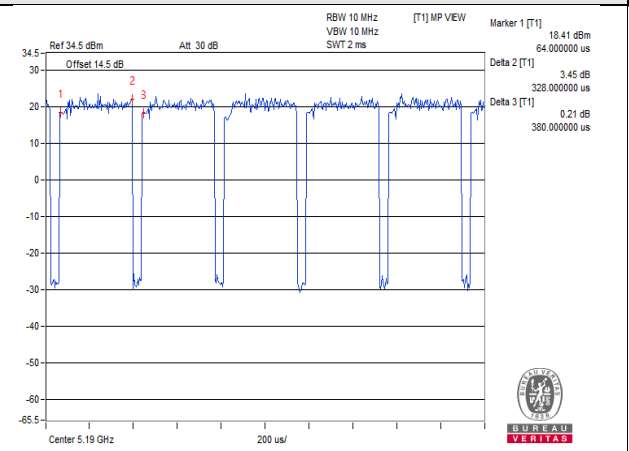
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 118 (5590MHz)	

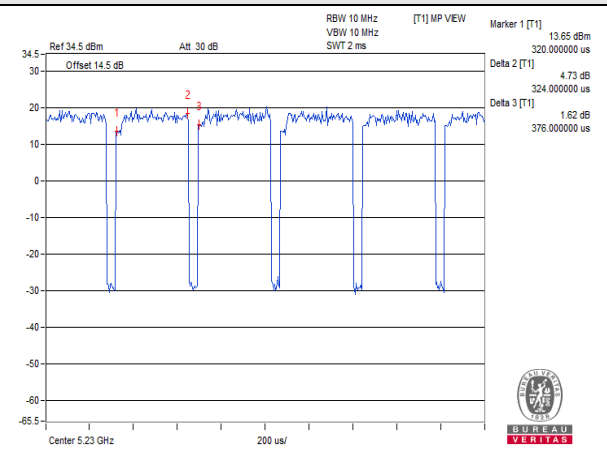
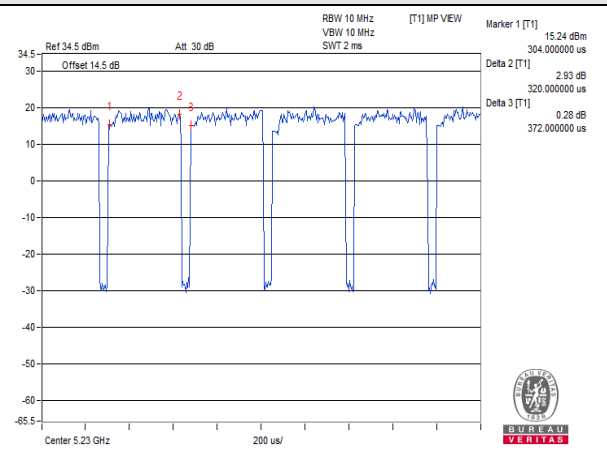
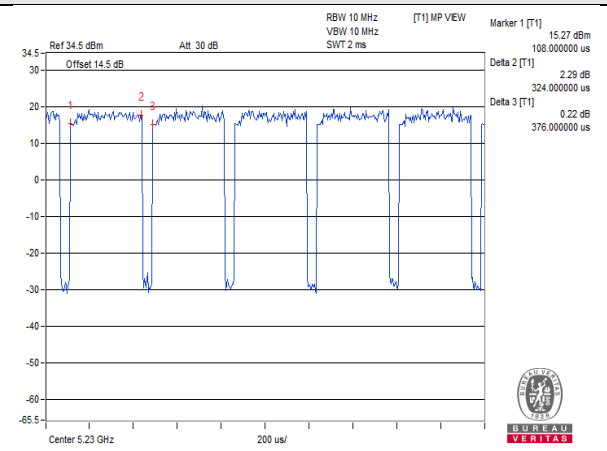
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

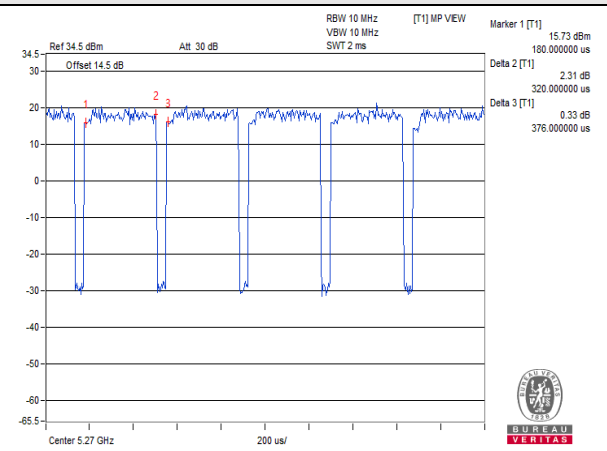
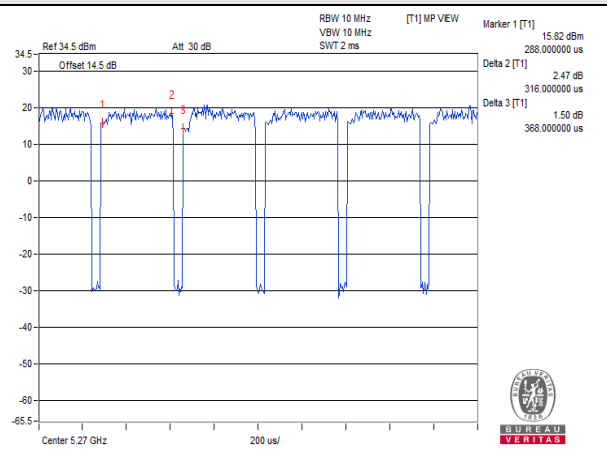
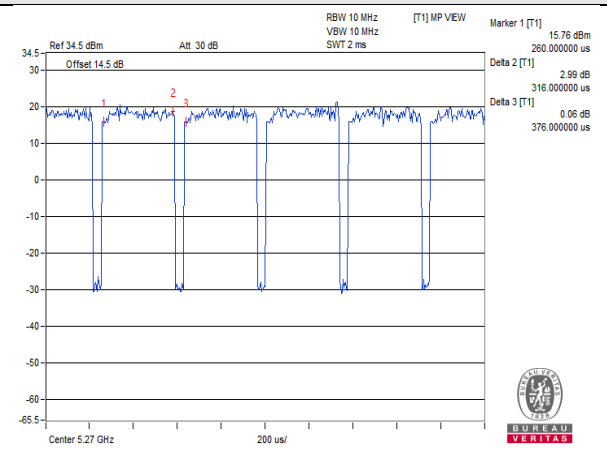
Use Combiner

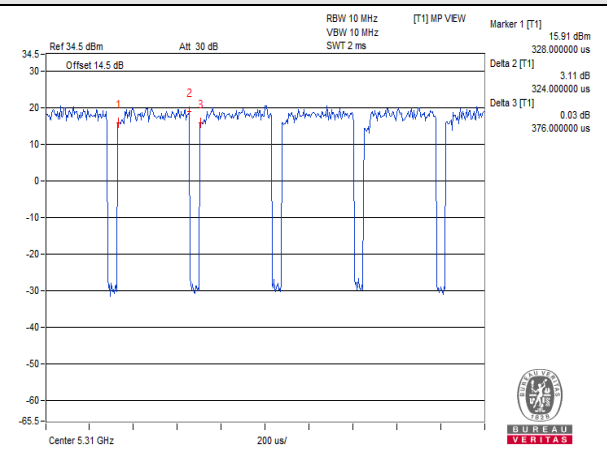
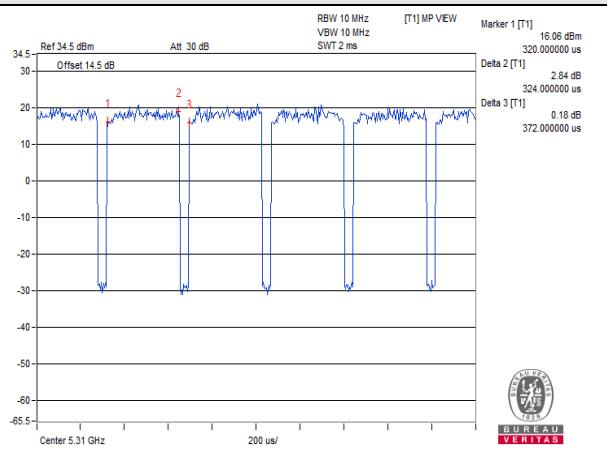
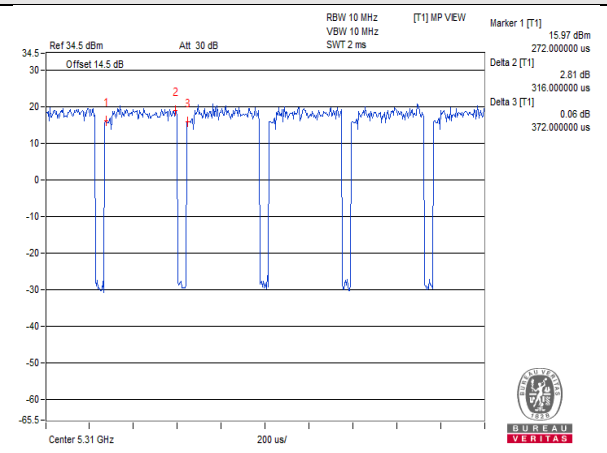
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.31	0.32	0.32	0.32
$V_{max.}$	0.32	0.32	0.31	0.32
$V_{min.}$	0.32	0.32	0.31	0.31
Limit	≦8ms			

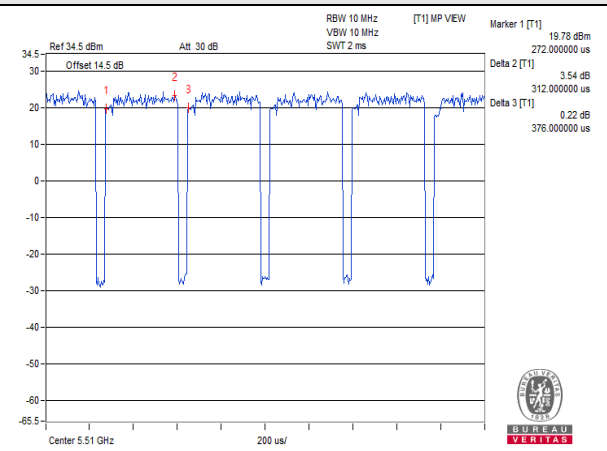
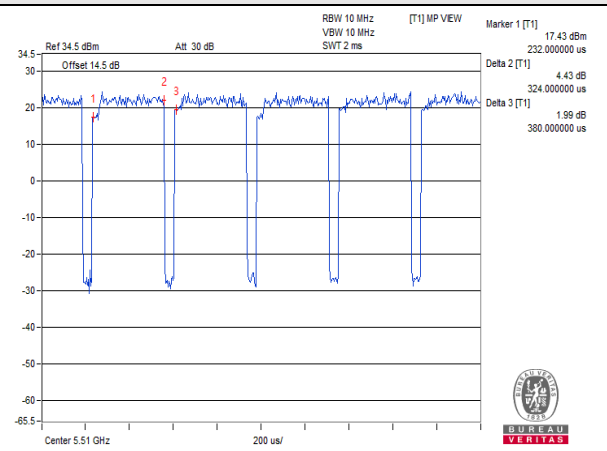
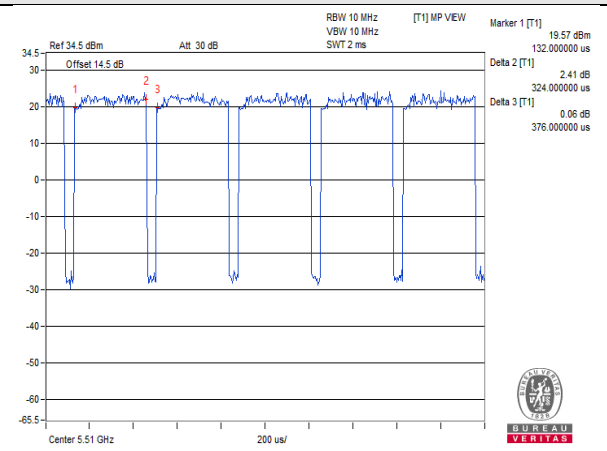
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.31	0.32	0.32
$V_{max.}$	0.32	0.32	0.32
$V_{min.}$	0.32	0.30	0.31
Limit	≦8ms		

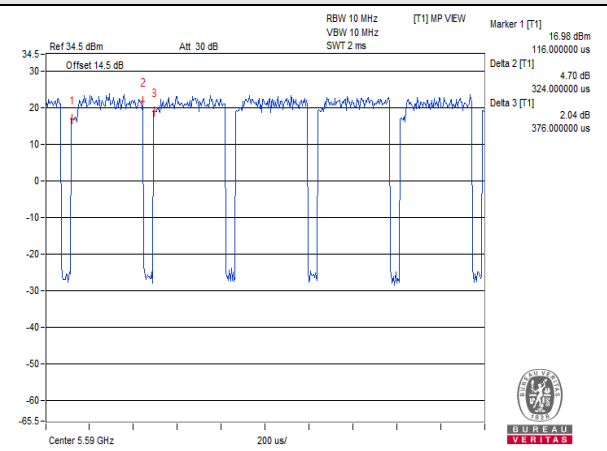
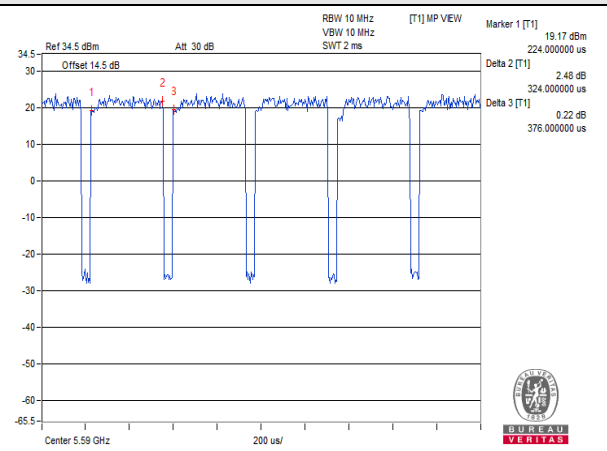
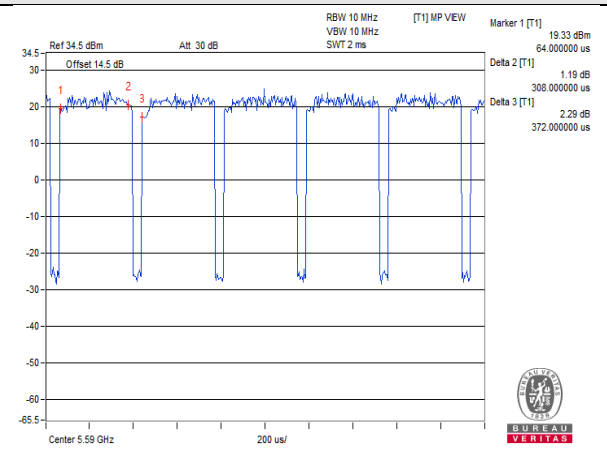
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

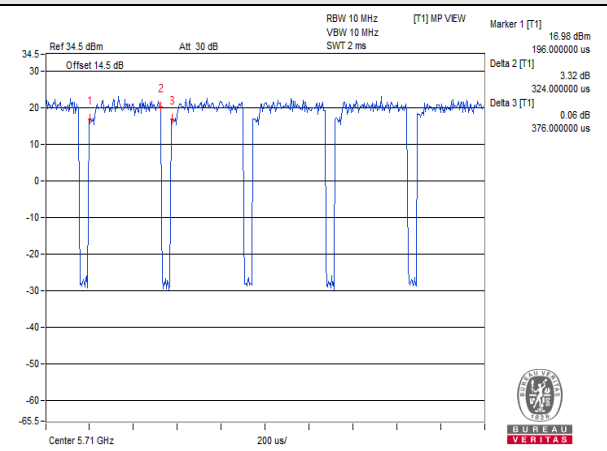
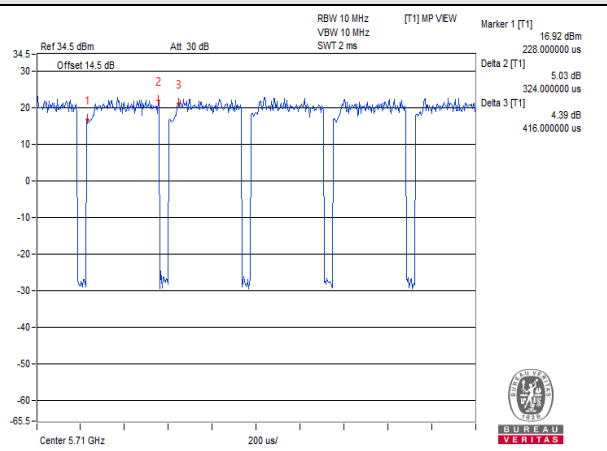
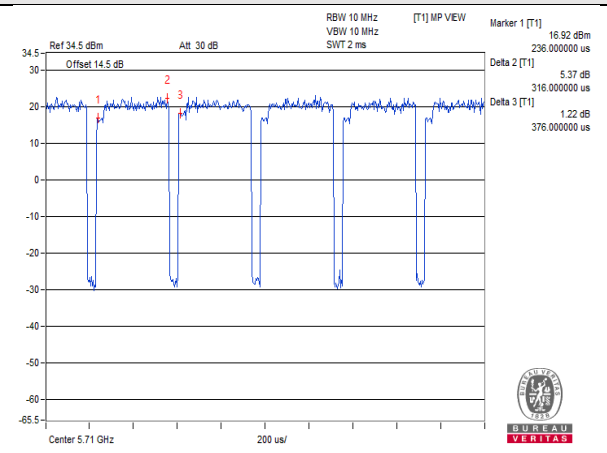
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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 142 (5710MHz)	

802.11ac (VHT80)

Chain A

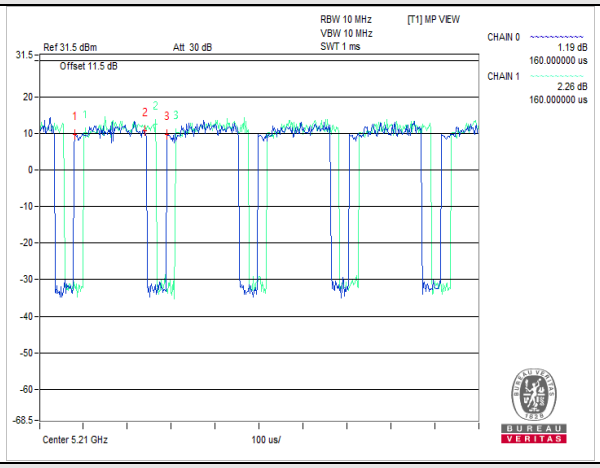
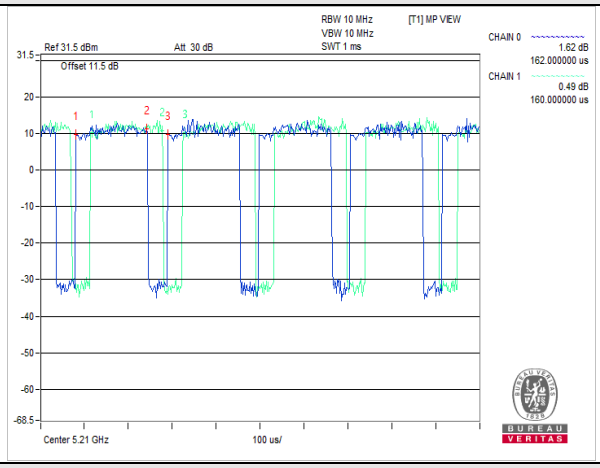
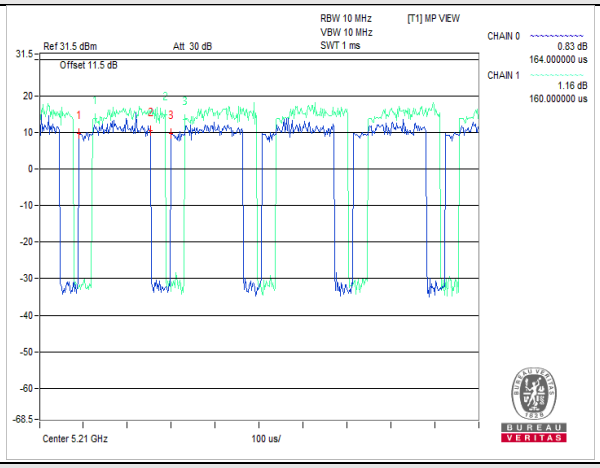
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.16	0.16
$V_{max.}$	0.16	0.16	0.16	0.16
$V_{min.}$	0.16	0.16	0.15	0.16
Limit	≦8ms			

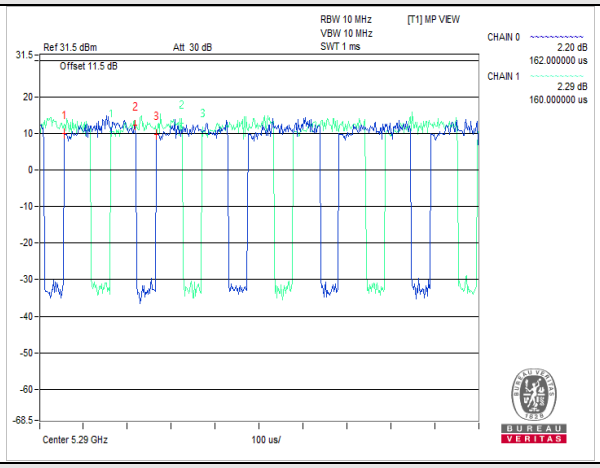
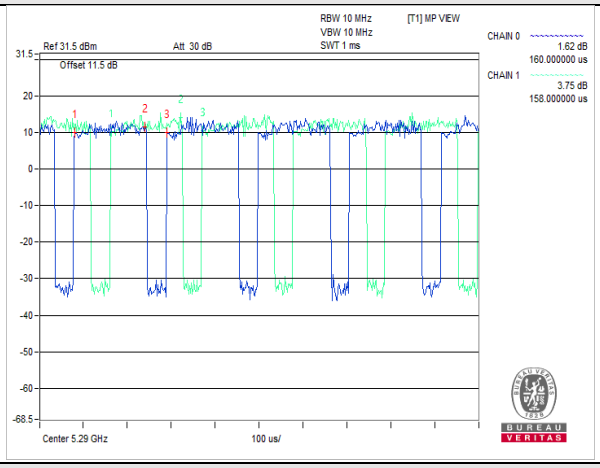
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.16
$V_{min.}$	0.16
Limit	≦8ms

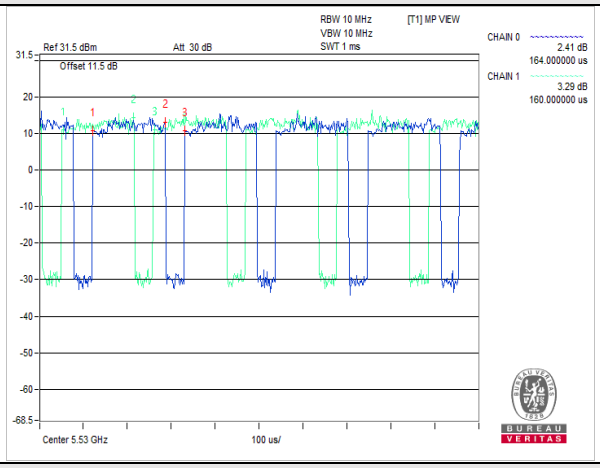
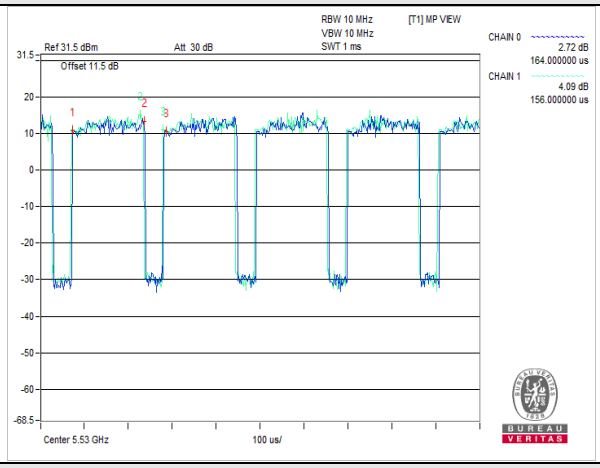
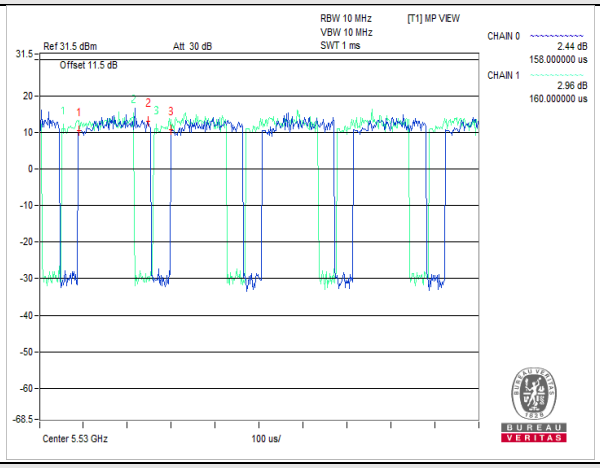
Chain B

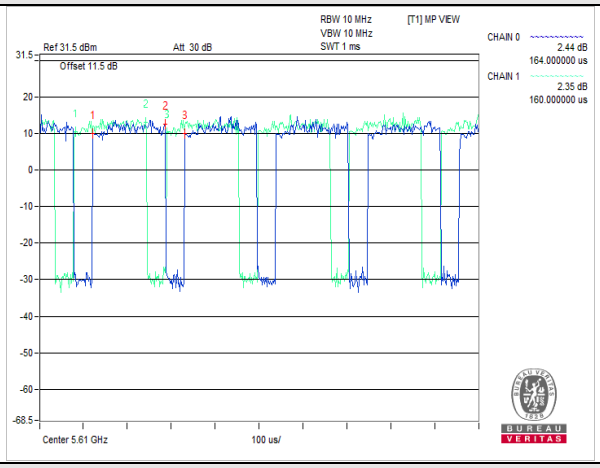
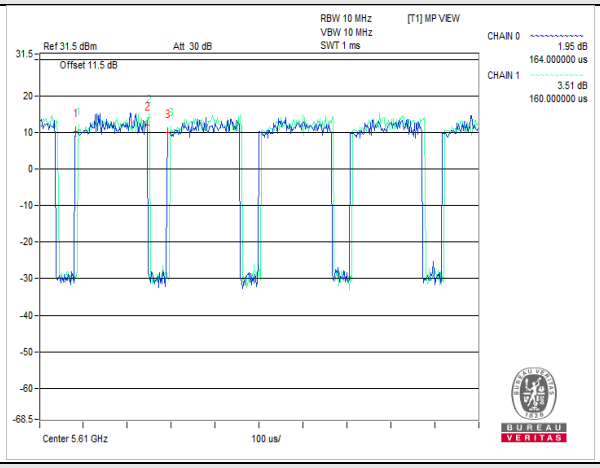
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.16	0.16
$V_{max.}$	0.16	0.15	0.15	0.16
$V_{min.}$	0.16	0.15	0.16	0.16
Limit	≦8ms			

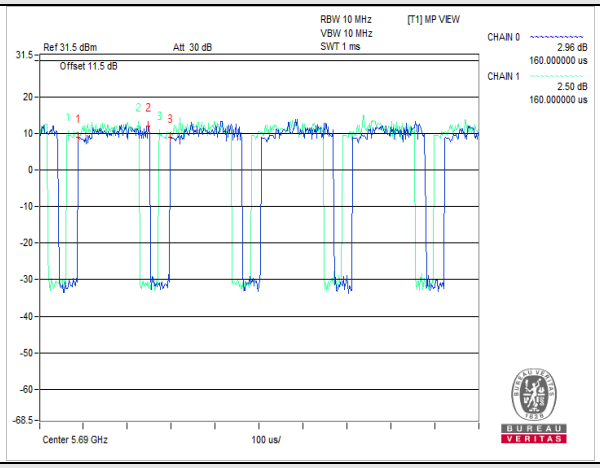
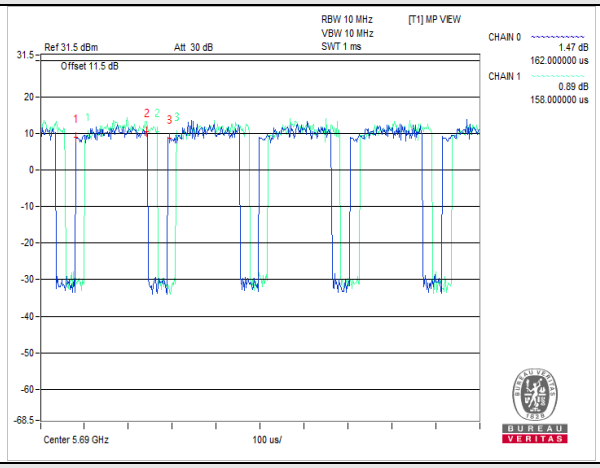
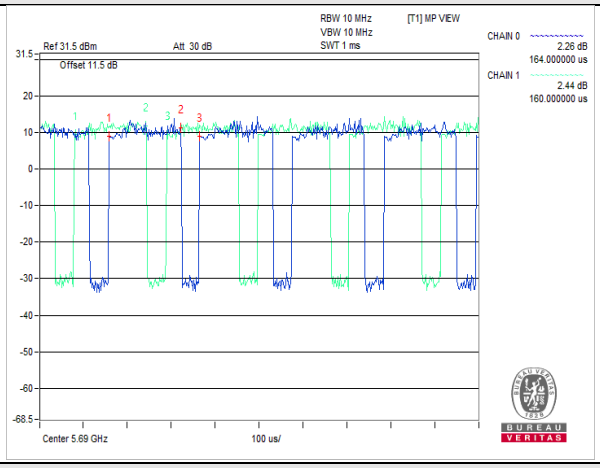
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.15
$V_{min.}$	0.16
Limit	≦8ms

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)	

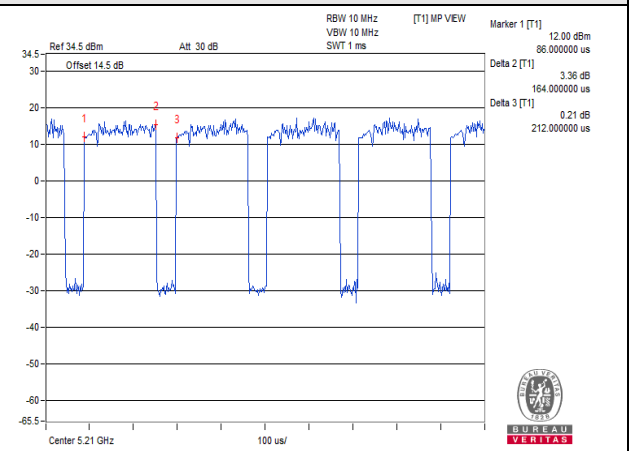
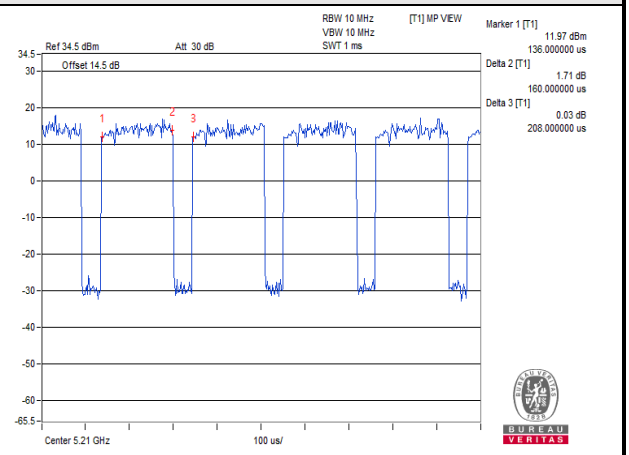
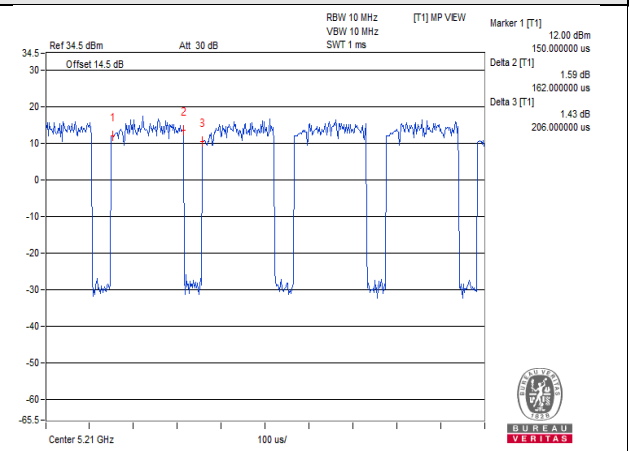
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 122 (5610MHz)	

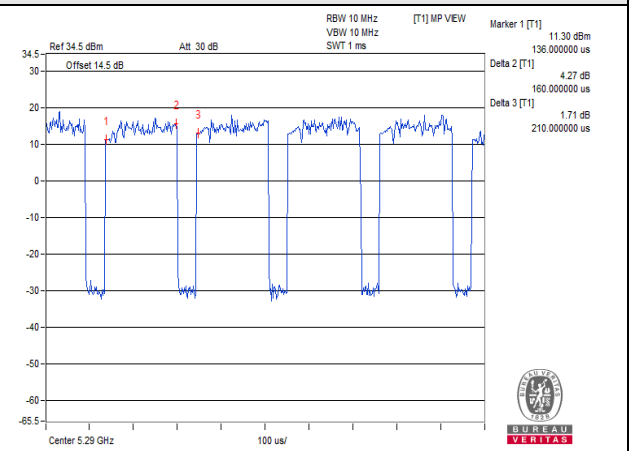
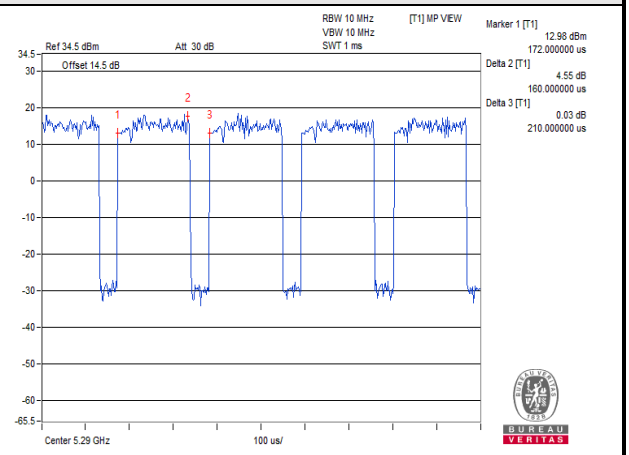
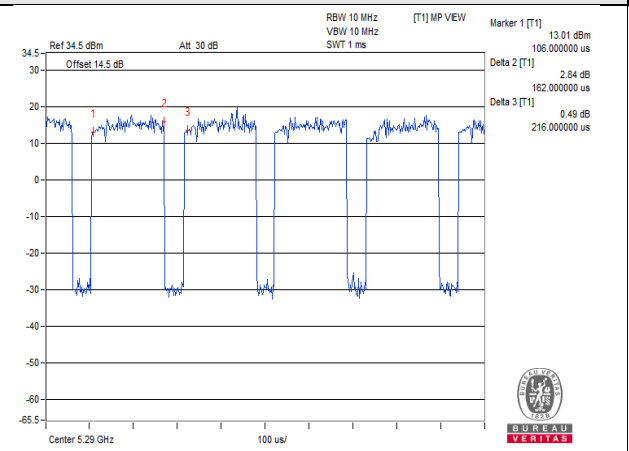
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

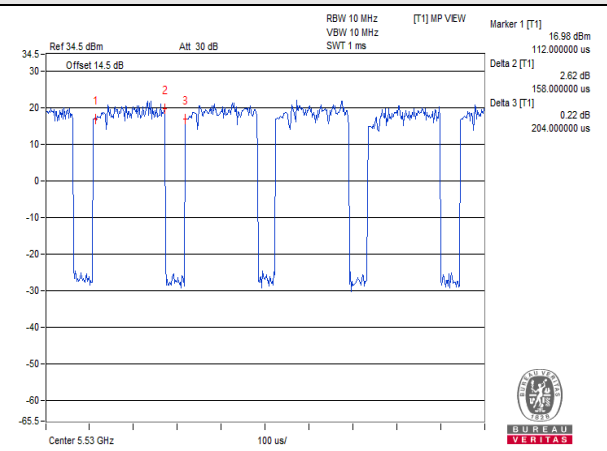
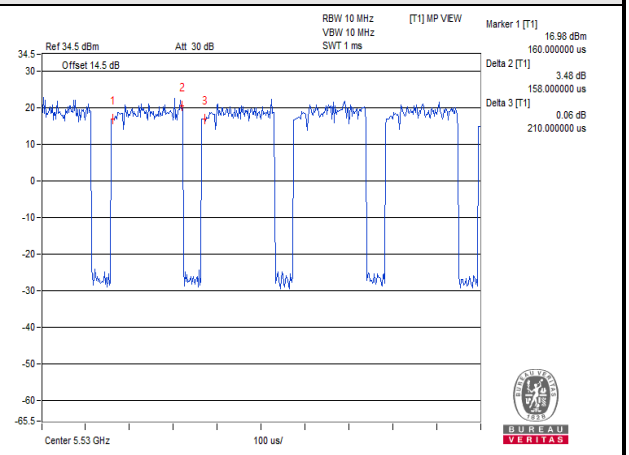
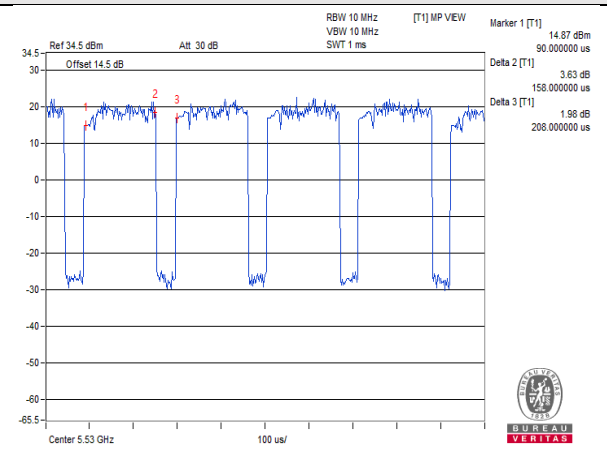
Use Combiner

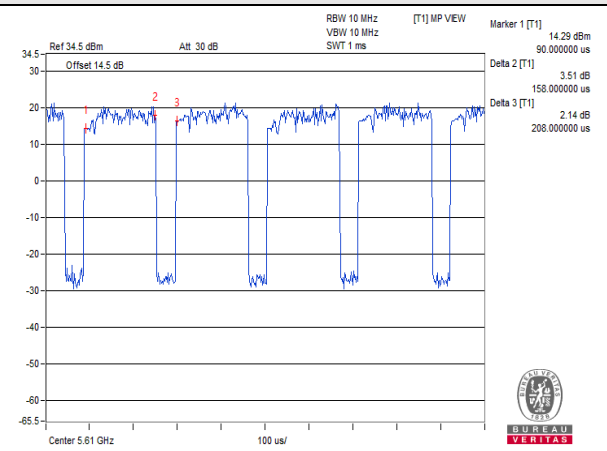
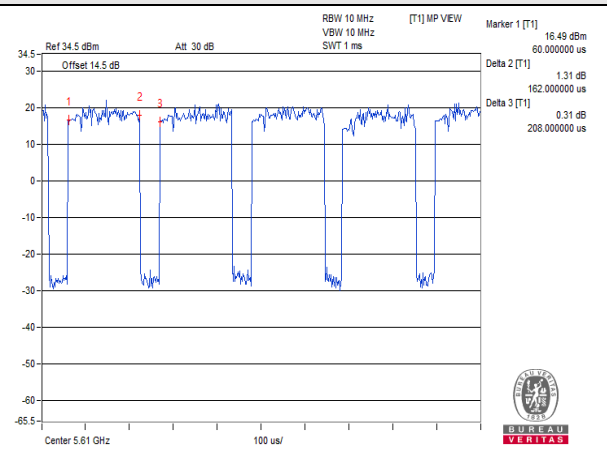
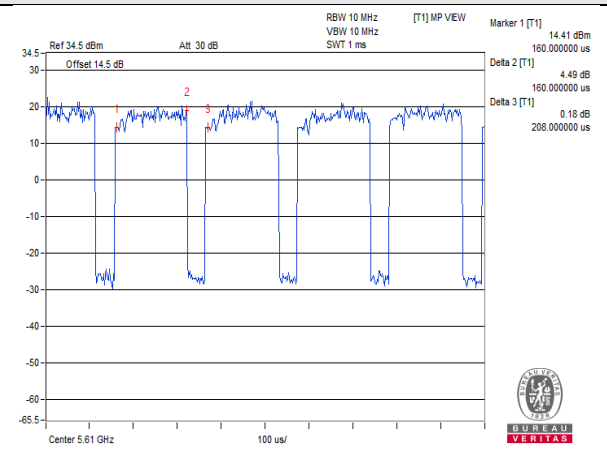
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.15	0.15
$V_{max.}$	0.16	0.16	0.15	0.16
$V_{min.}$	0.16	0.16	0.15	0.16
Limit	≦8ms			

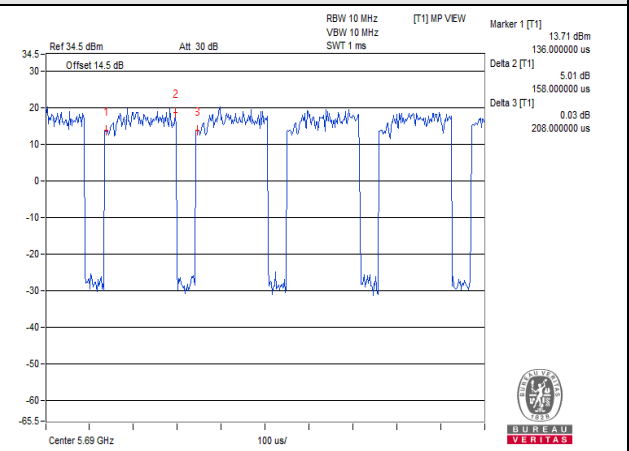
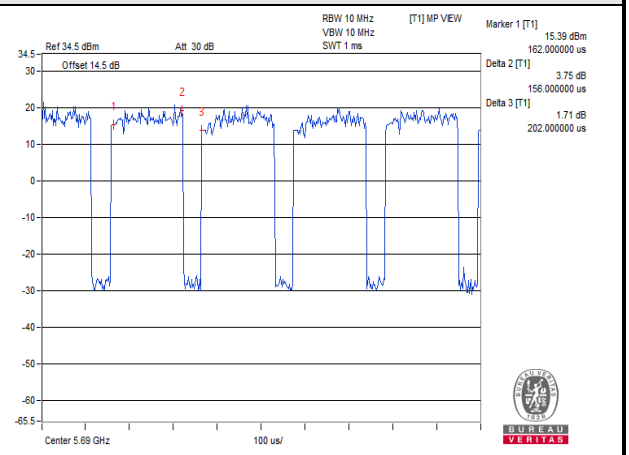
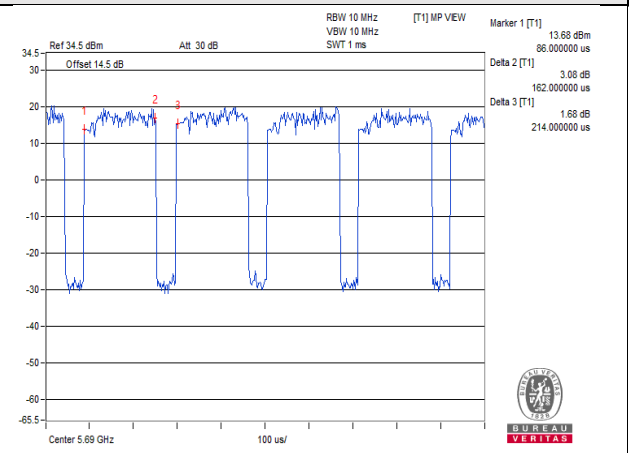
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.15
$V_{max.}$	0.15
$V_{min.}$	0.16
Limit	≦8ms

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)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

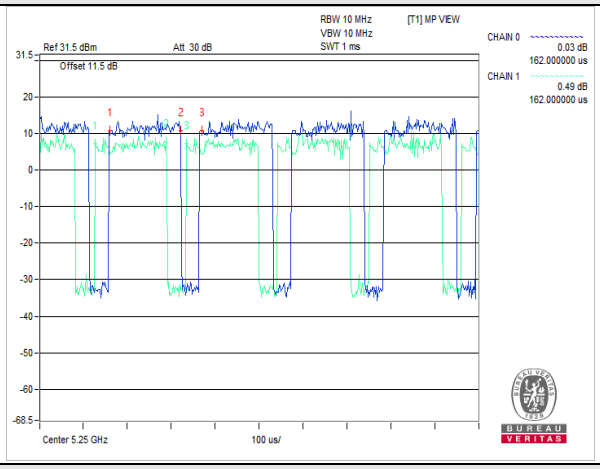
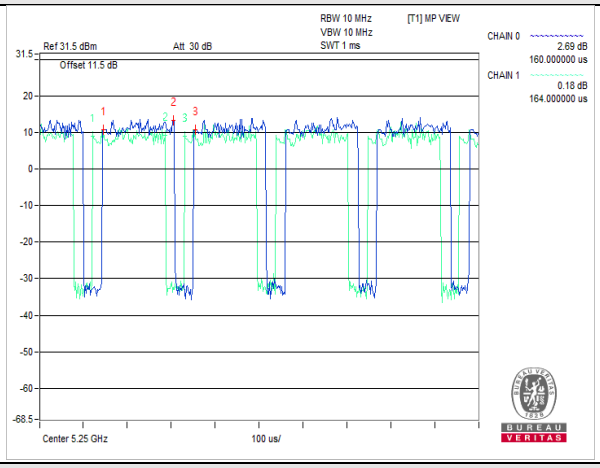
802.11ac (VHT160)

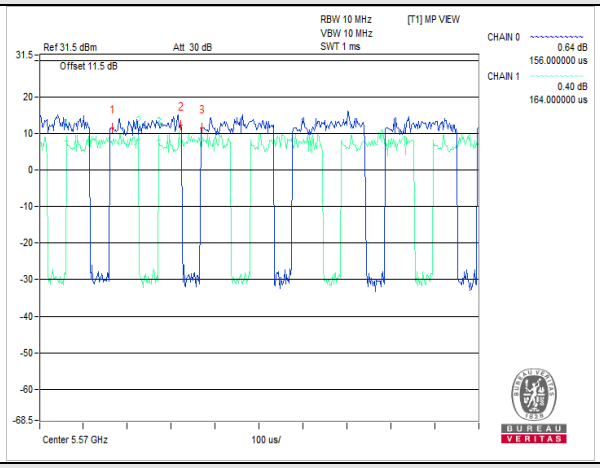
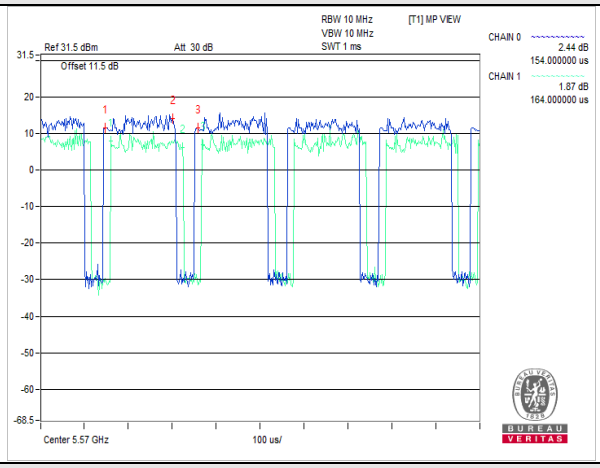
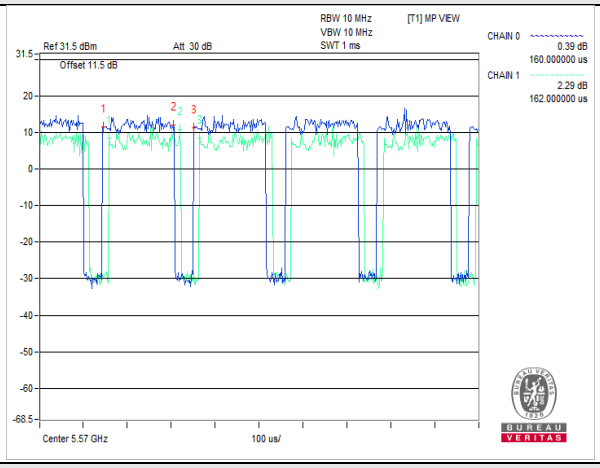
Chain A

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
Vnormal	0.16	0.15
Vmax.	0.15	0.15
Vmin.	0.16	0.16
Limit	≦8ms	

Chain B

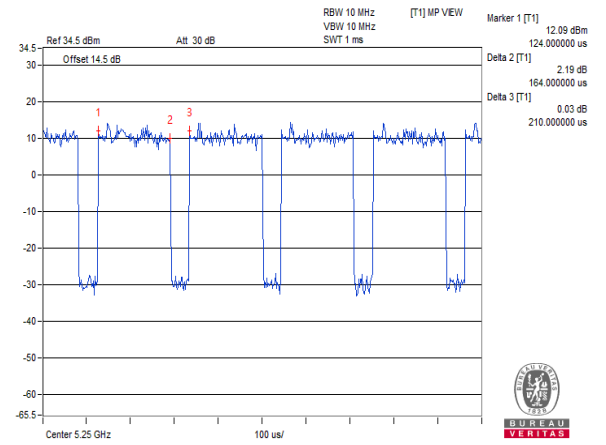
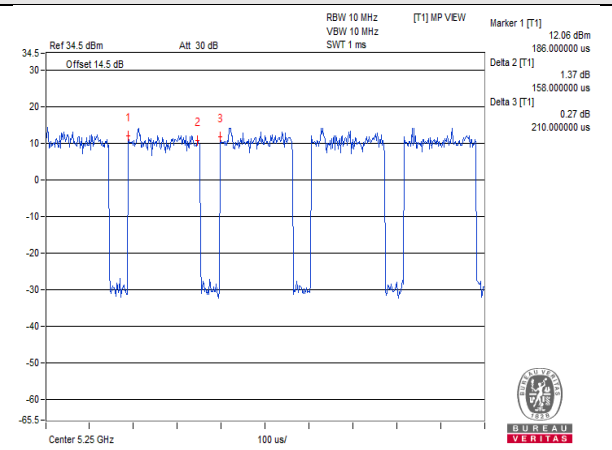
TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
Vnormal	0.16	0.16
Vmax.	0.16	0.16
Vmin.	0.16	0.16
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 50 (5250MHz)	

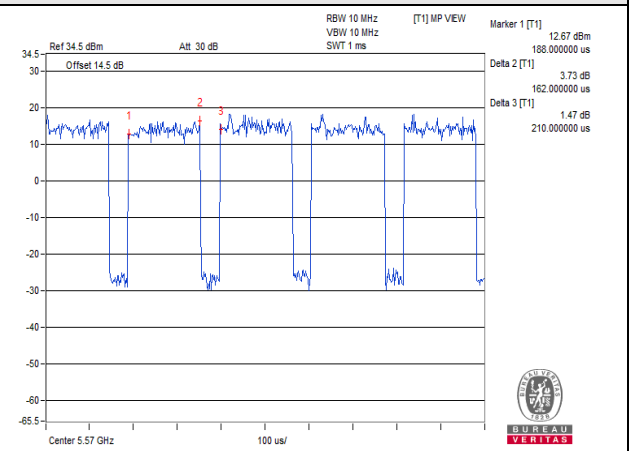
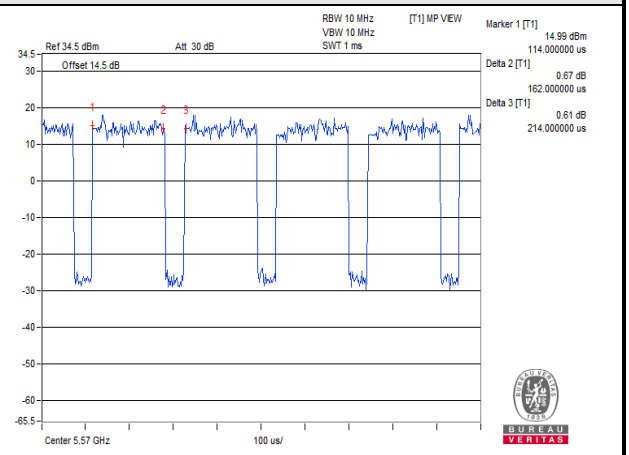
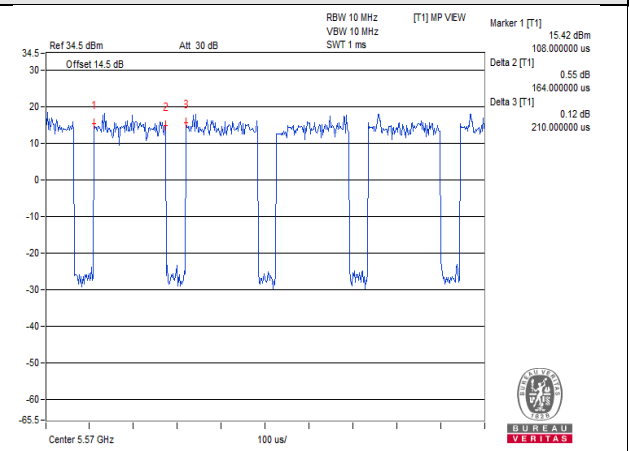
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

Use Combiner

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
$\mathbf{V}_{normal}$	0.16	0.16
$\mathbf{V}_{max.}$	0.16	0.16
$\mathbf{V}_{min.}$	0.15	0.16
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	

CH 50 (5250MHz)

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

802.11ax (HE20)

Chain A

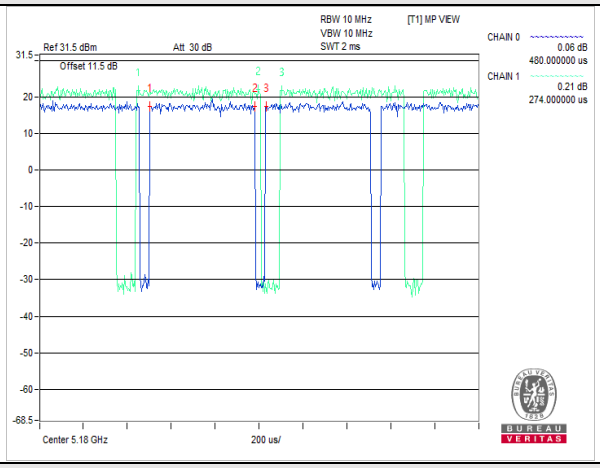
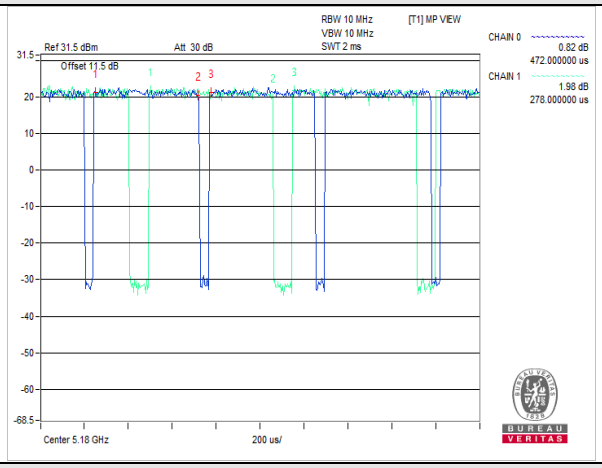
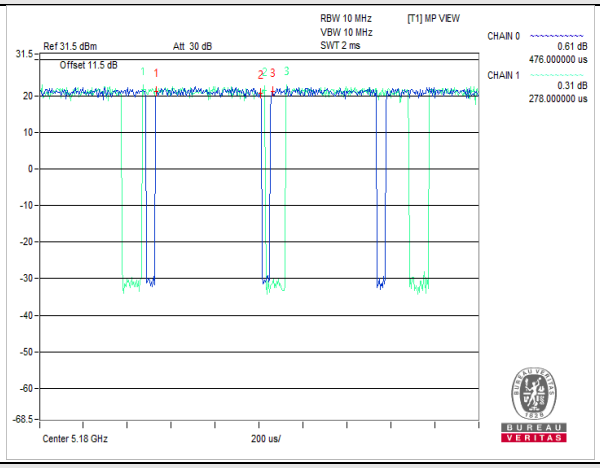
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.48	0.46	0.46	0.47
$V_{max.}$	0.47	0.46	0.48	0.47
$V_{min.}$	0.47	0.47	0.47	0.48
Limit	≦8ms			

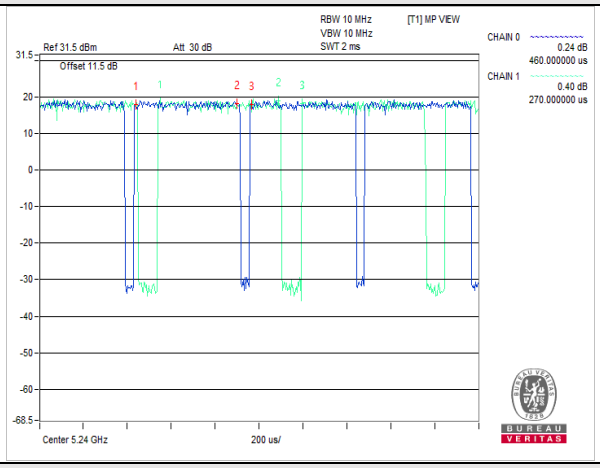
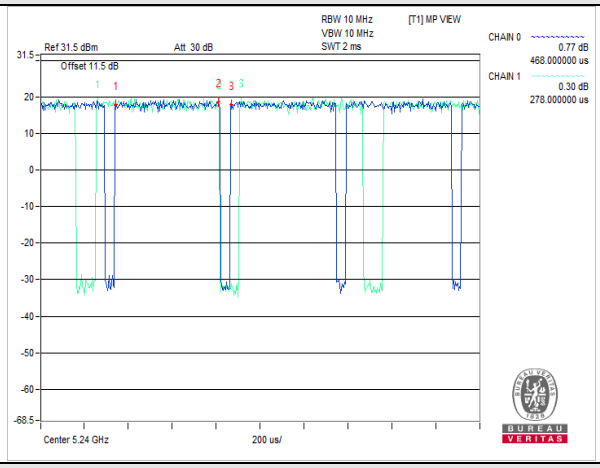
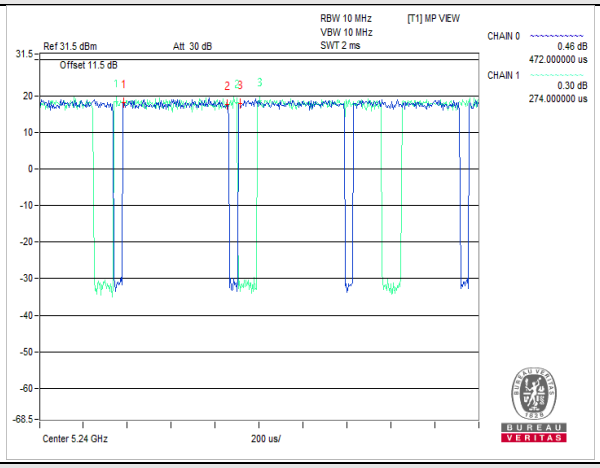
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.47	0.47	0.47
$V_{max.}$	0.47	0.48	0.47
$V_{min.}$	0.47	0.47	0.47
Limit	≦8ms		

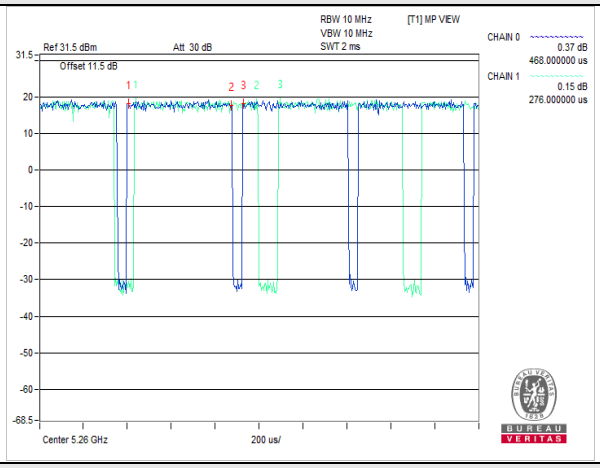
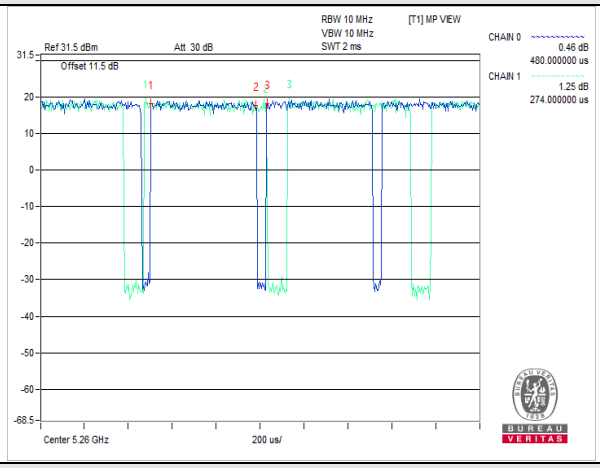
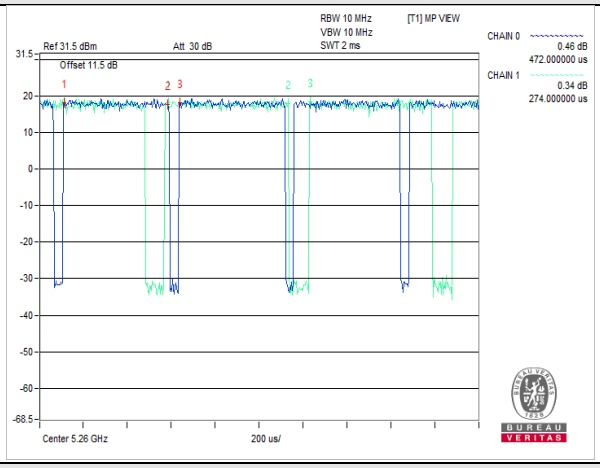
Chain B

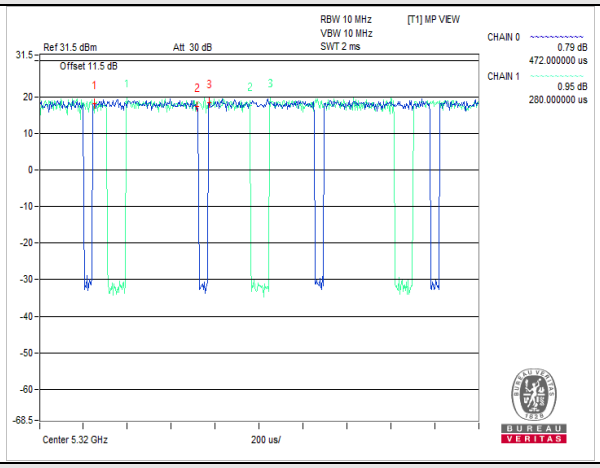
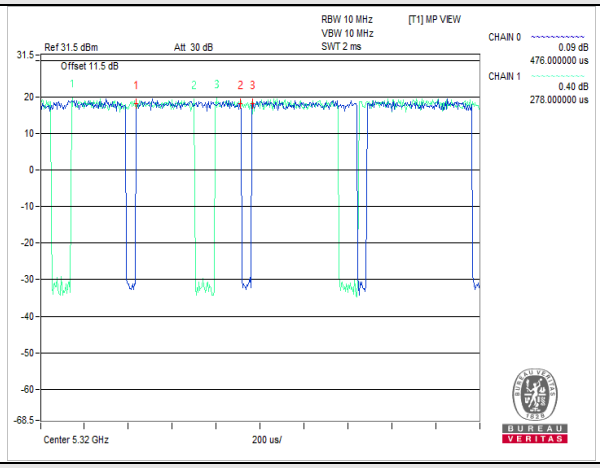
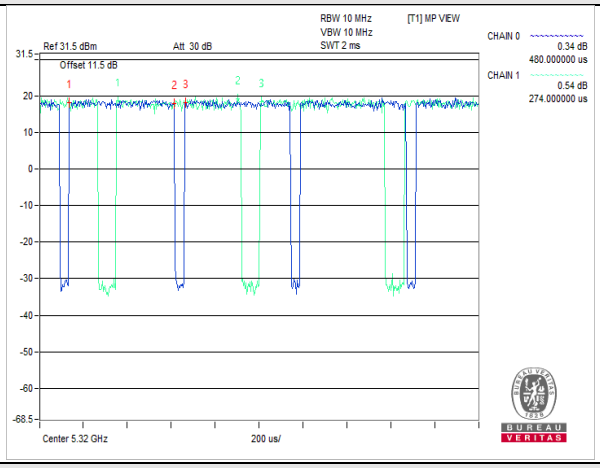
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.27	0.27	0.27	0.28
$V_{max.}$	0.27	0.27	0.27	0.27
$V_{min.}$	0.27	0.27	0.27	0.27
Limit	≦8ms			

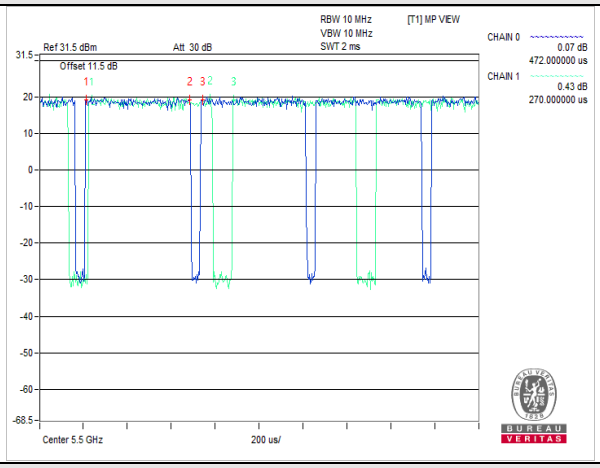
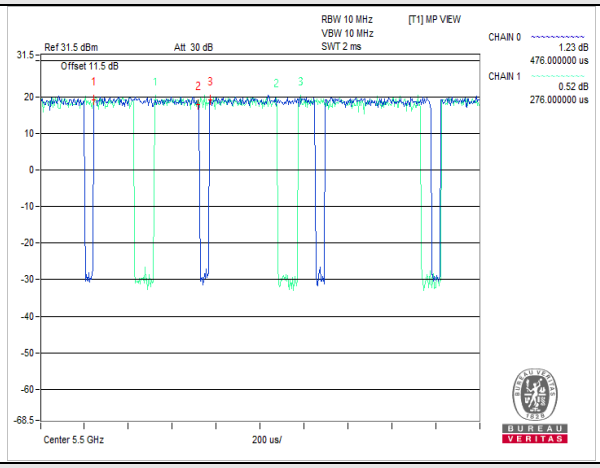
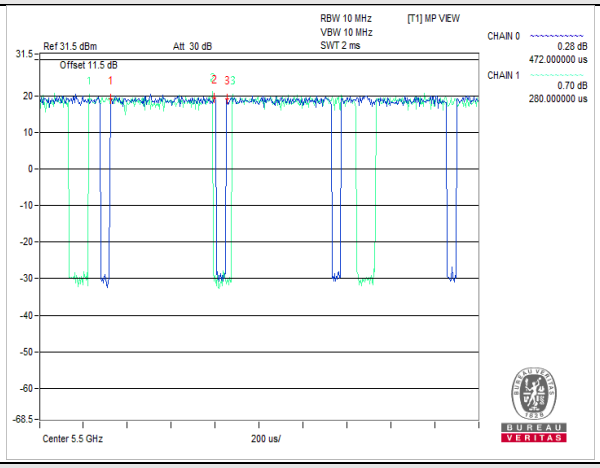
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.27	0.27	0.27
$V_{max.}$	0.27	0.27	0.27
$V_{min.}$	0.28	0.27	0.27
Limit	≦8ms		

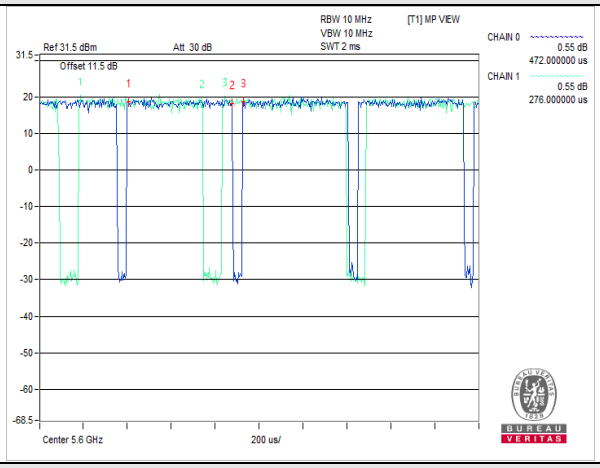
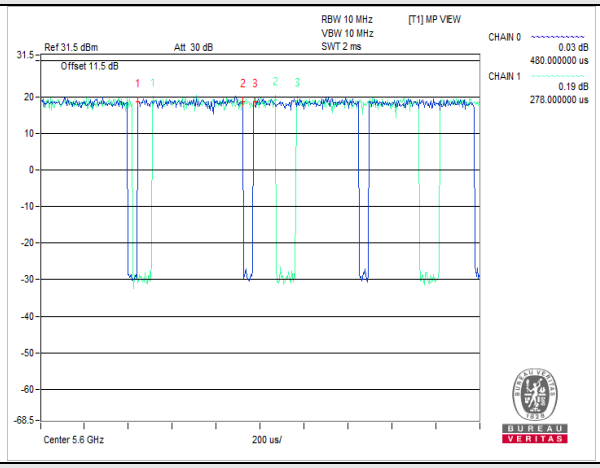
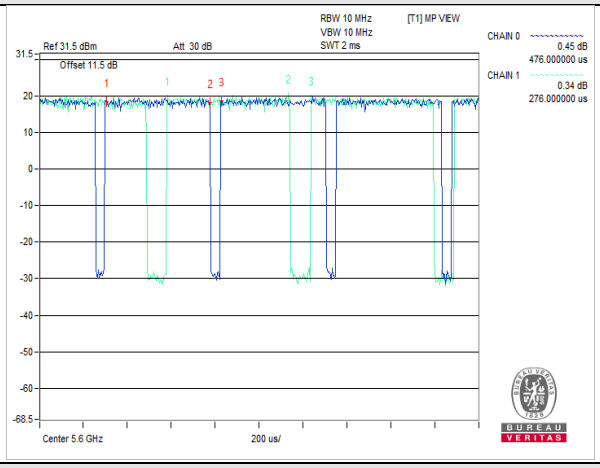
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

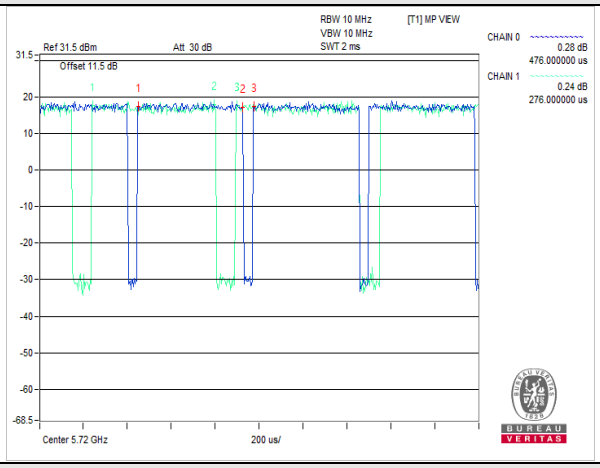
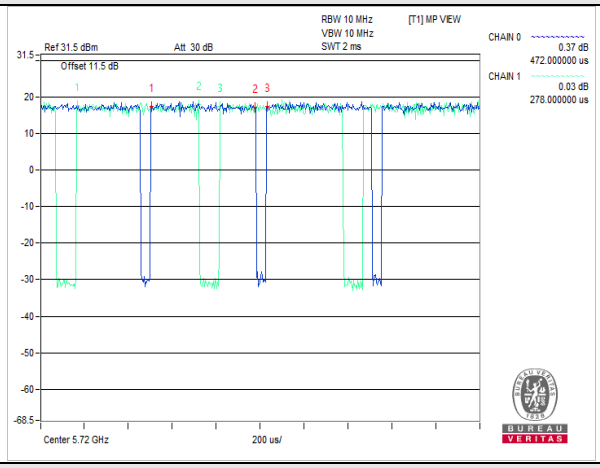
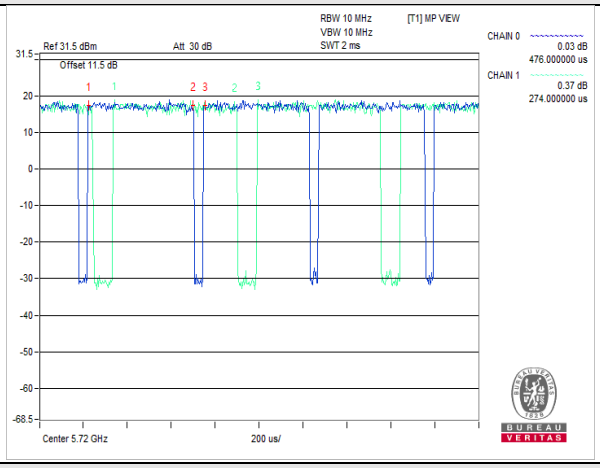
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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)	

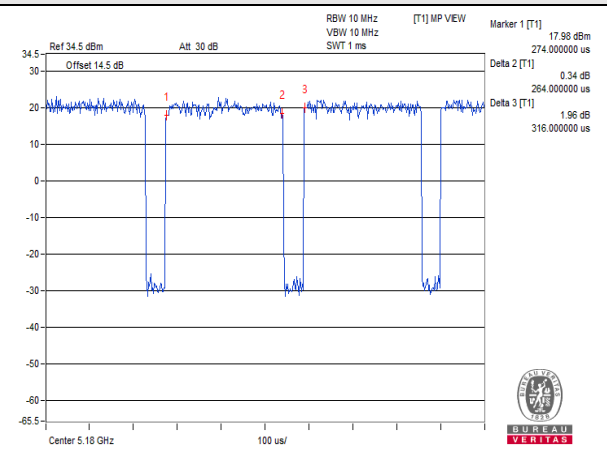
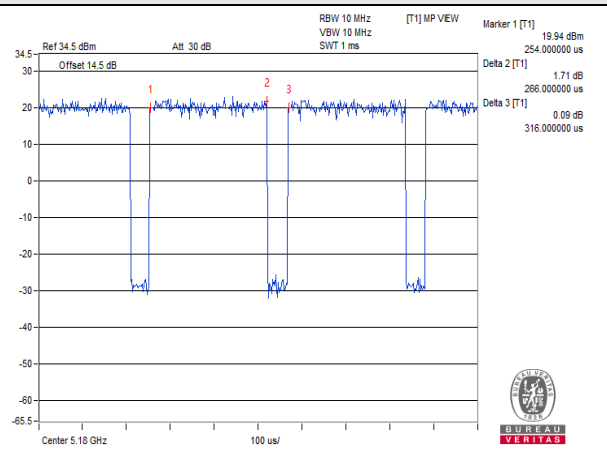
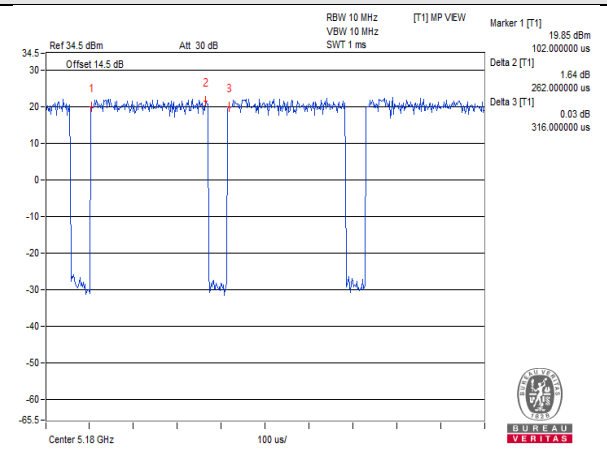
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 120 (5600MHz)	

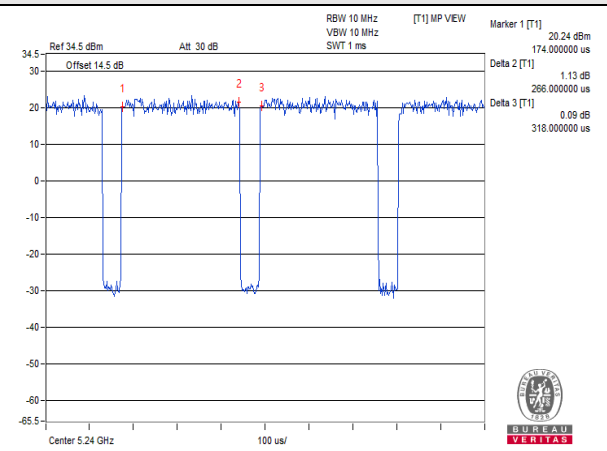
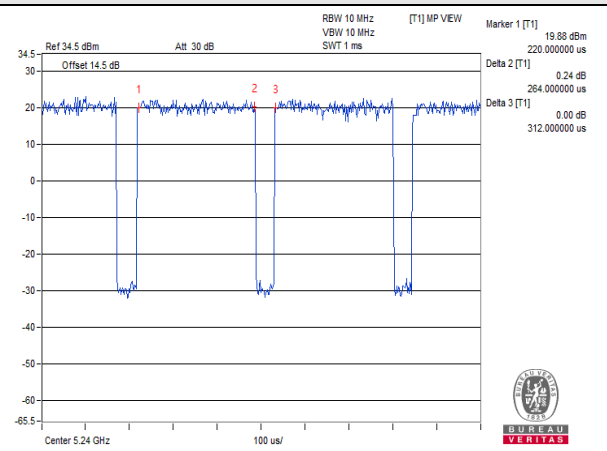
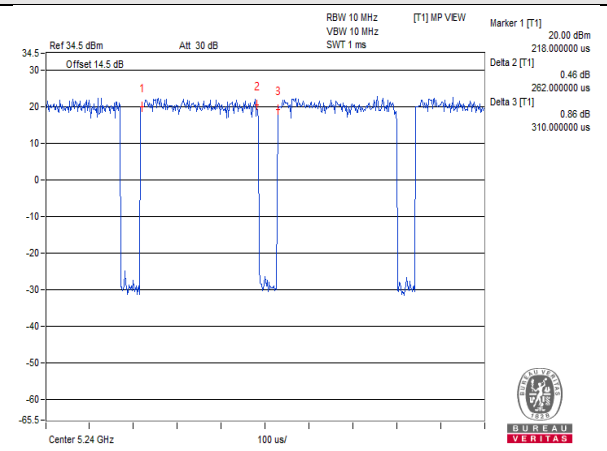
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 144 (5720MHz)	

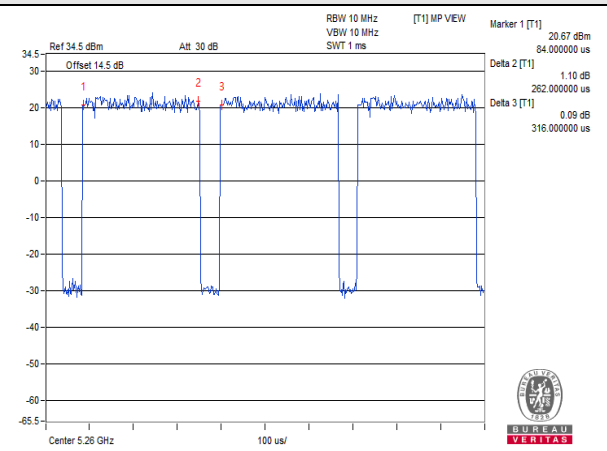
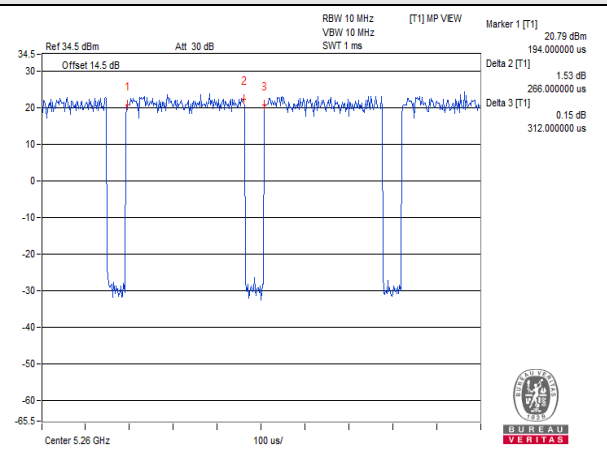
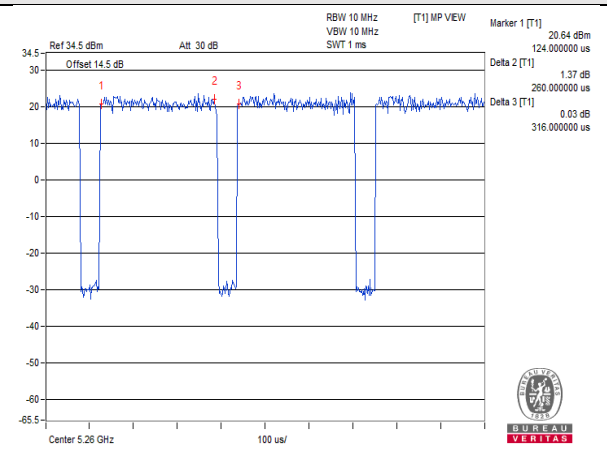
Use Combiner

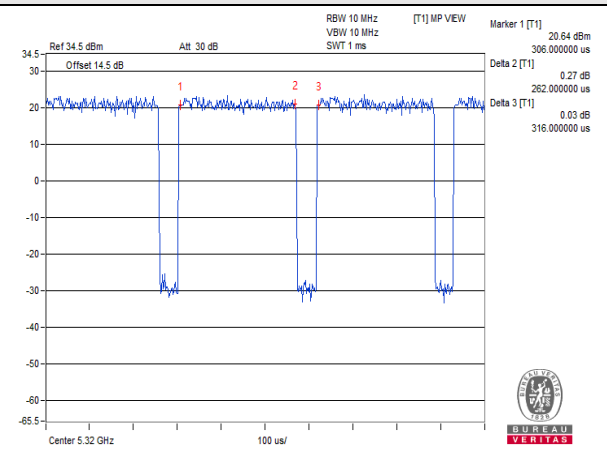
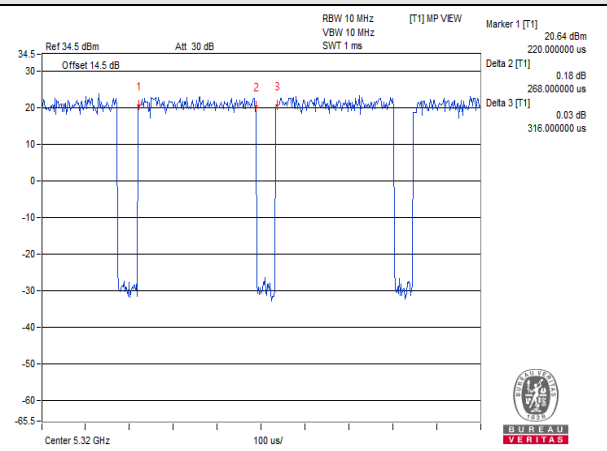
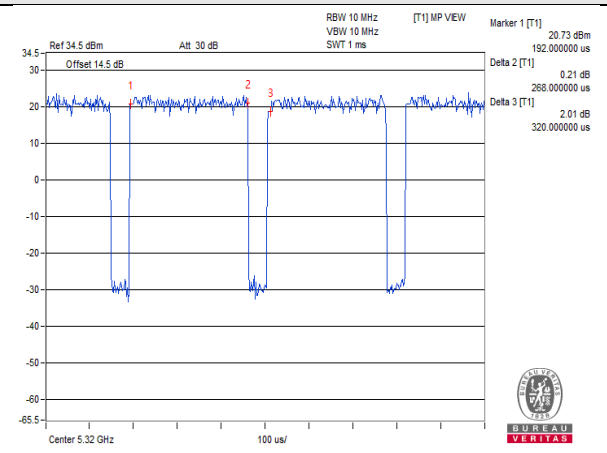
TEST CONDITION	Burst Length (ms)			
	CH 36 (5180MHz)	**CH 48 (5240MHz)**	**CH 52 (5260MHz)**	**CH 64 (5320MHz)**
V_{normal}	0.26	0.26	0.26	0.26
$V_{max.}$	0.26	0.26	0.26	0.26
$V_{min.}$	0.26	0.26	0.26	0.26
Limit	≦8ms			

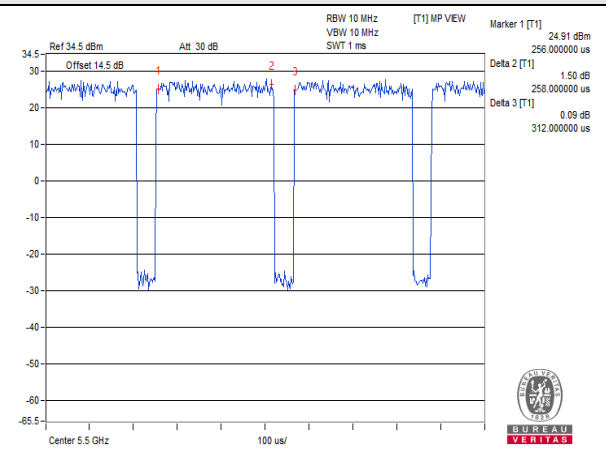
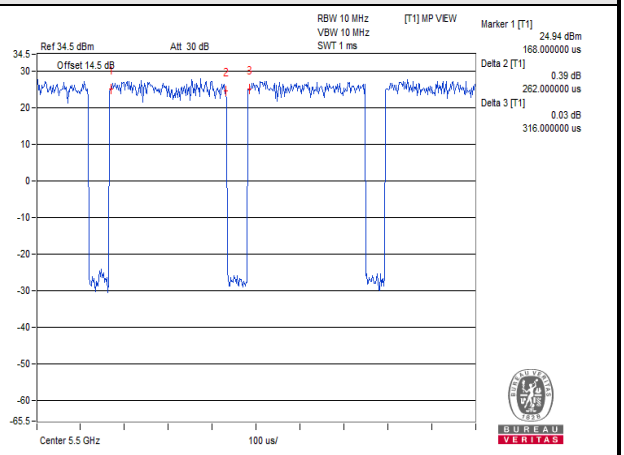
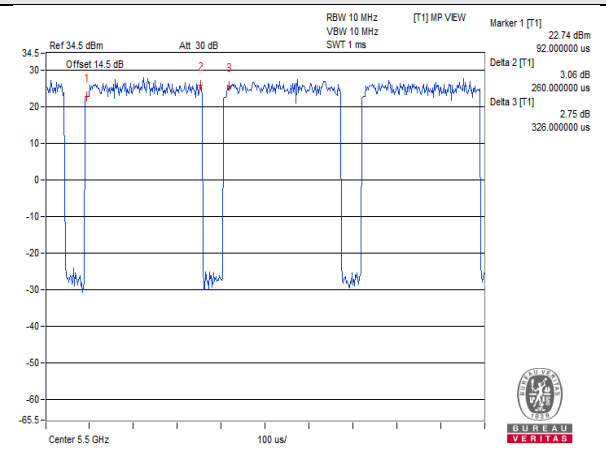
TEST CONDITION	Burst Length (ms)		
	CH 100 (5500MHz)	**CH 120 (5600MHz)**	**CH 144 (5720MHz)**
V_{normal}	0.25	0.26	0.26
$V_{max.}$	0.26	0.26	0.26
$V_{min.}$	0.26	0.26	0.26
Limit	≦8ms		

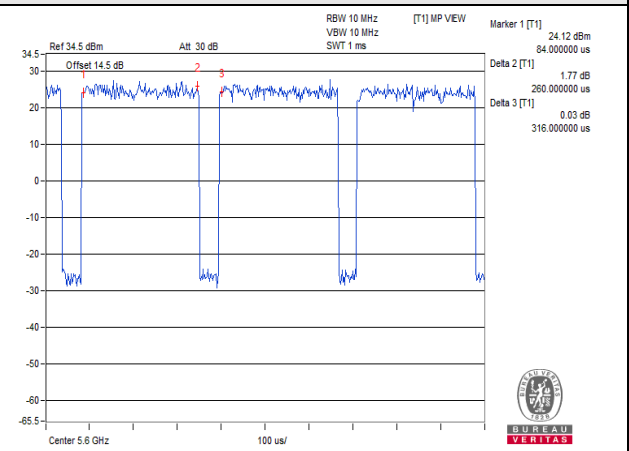
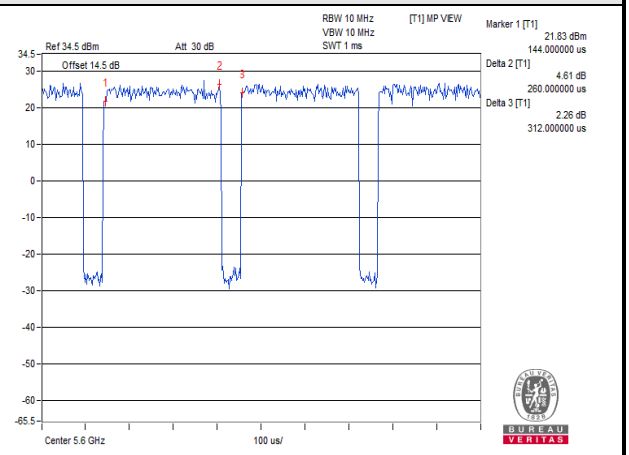
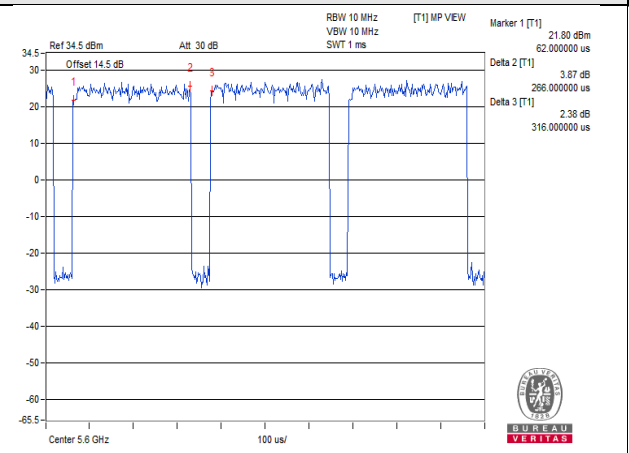
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 36 (5180MHz)	

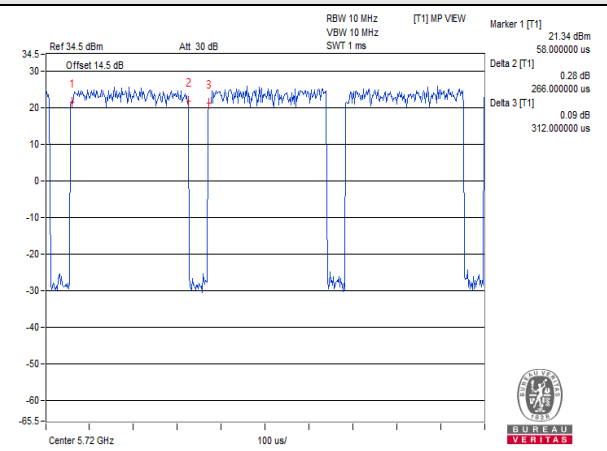
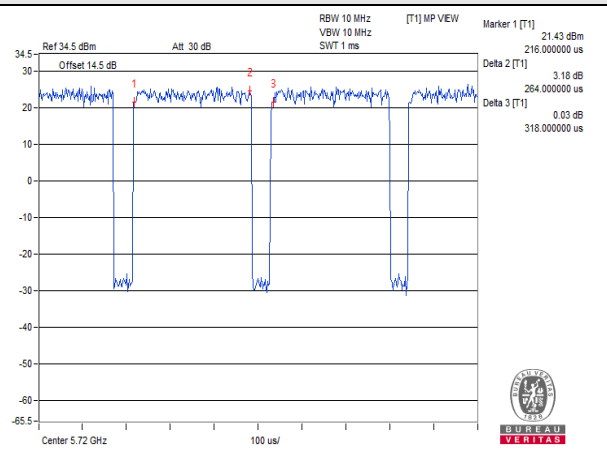
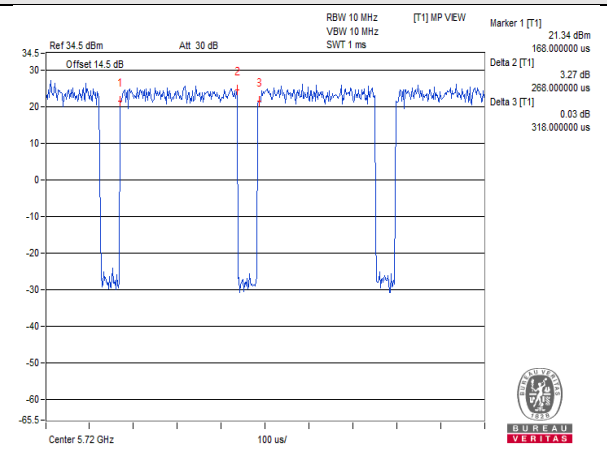
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 48 (5240MHz)	

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 144 (5720MHz)	

802.11ax (HE40)

Chain A

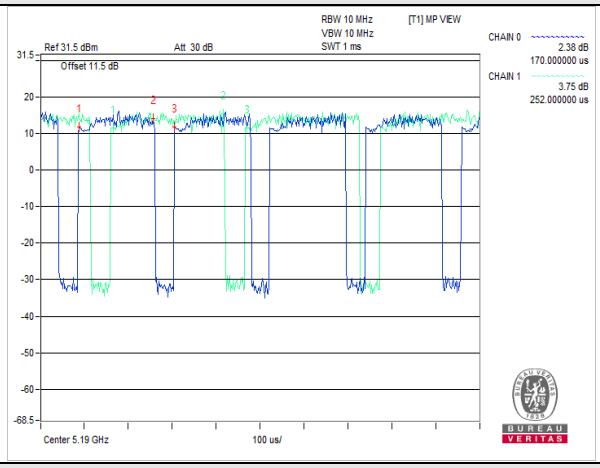
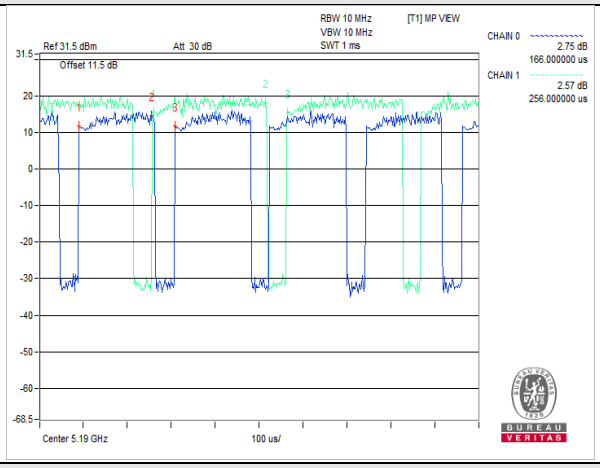
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.16	0.17	0.16	0.17
$V_{max.}$	0.17	0.17	0.17	0.17
$V_{min.}$	0.16	0.17	0.17	0.17
Limit	≦8ms			

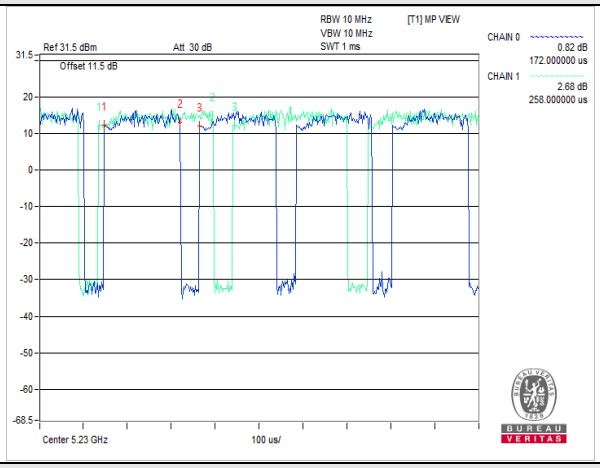
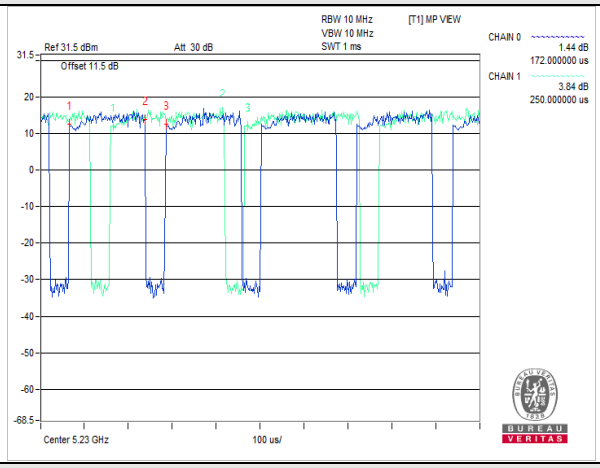
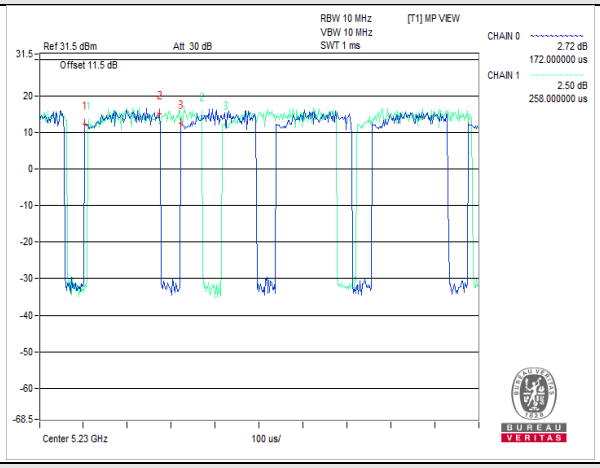
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.17	0.17	0.16
$V_{max.}$	0.17	0.17	0.16
$V_{min.}$	0.17	0.17	0.17
Limit	≦8ms		

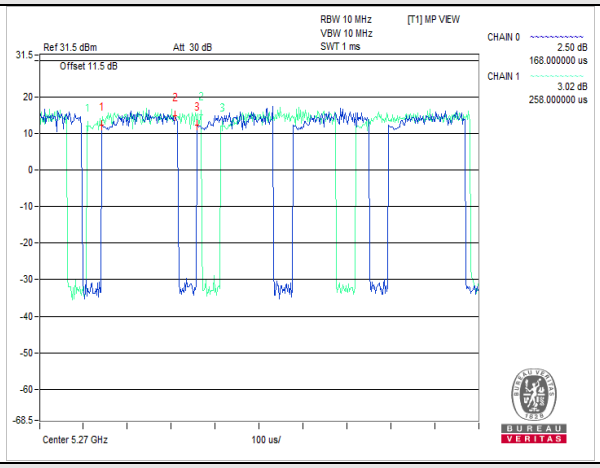
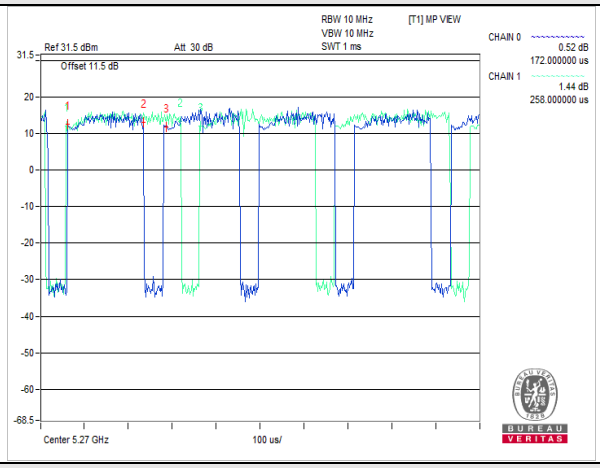
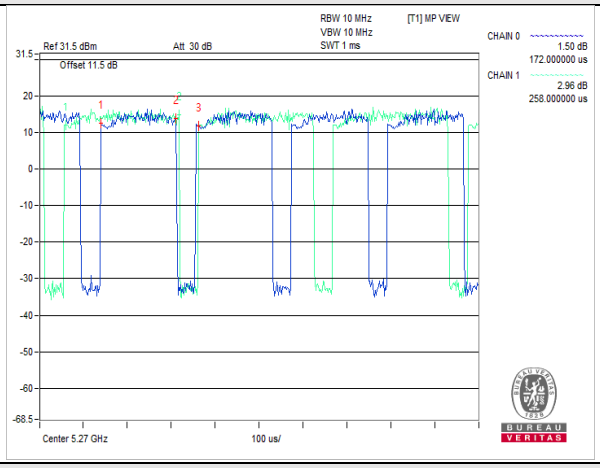
Chain B

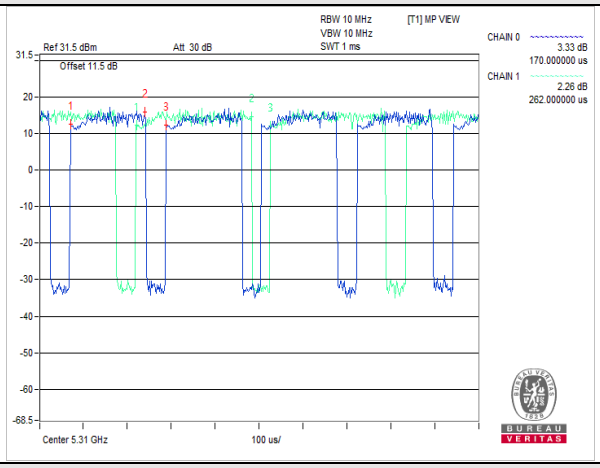
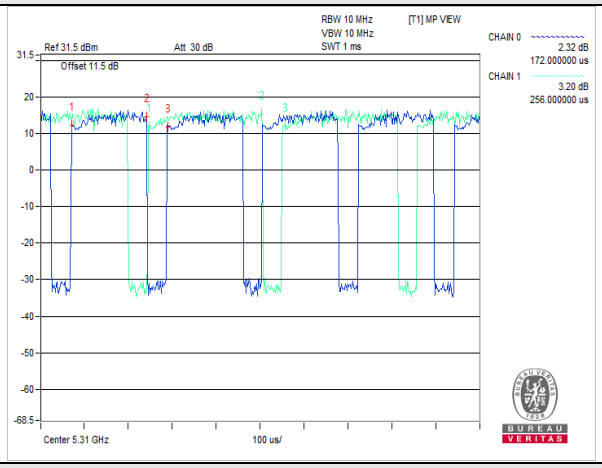
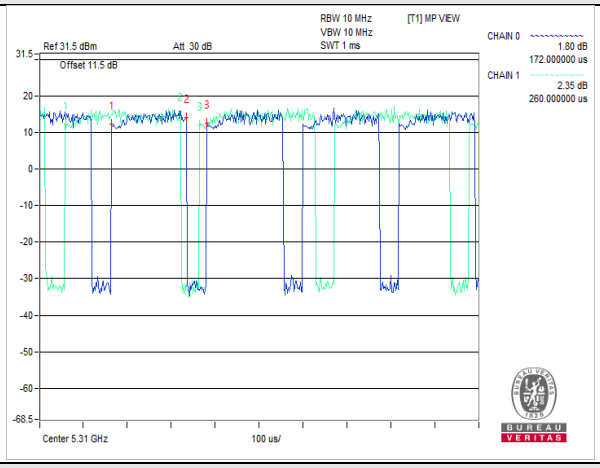
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.25	0.25	0.25	0.26
$V_{max.}$	0.25	0.25	0.25	0.25
$V_{min.}$	0.25	0.25	0.25	0.26
Limit	≦8ms			

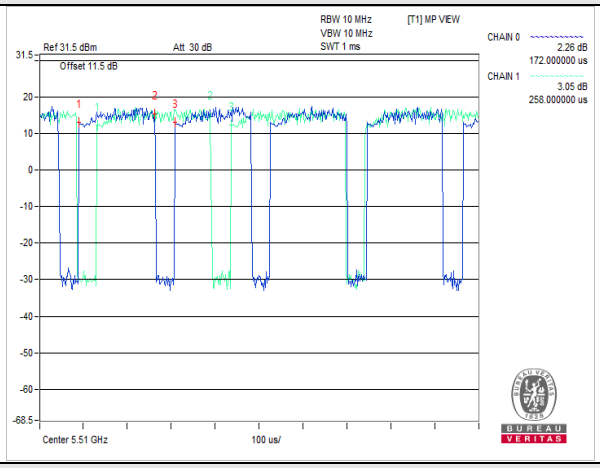
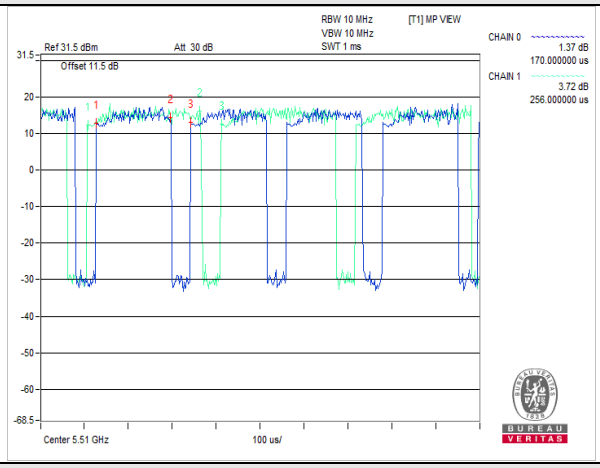
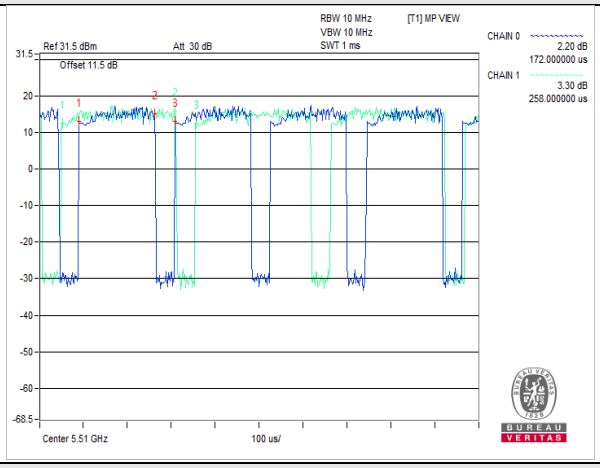
TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.25	0.25	0.25
$V_{max.}$	0.25	0.25	0.25
$V_{min.}$	0.25	0.25	0.25
Limit	≦8ms		

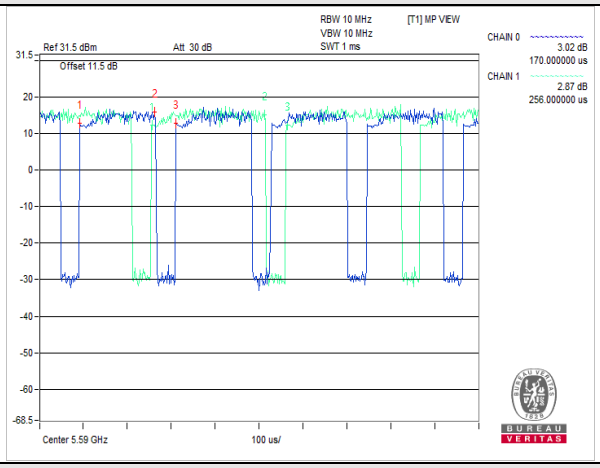
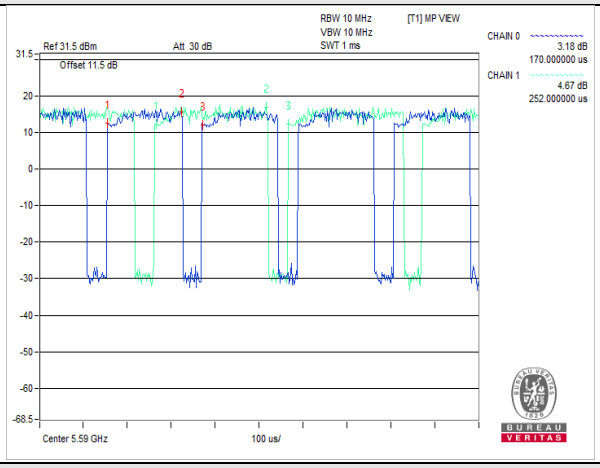
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

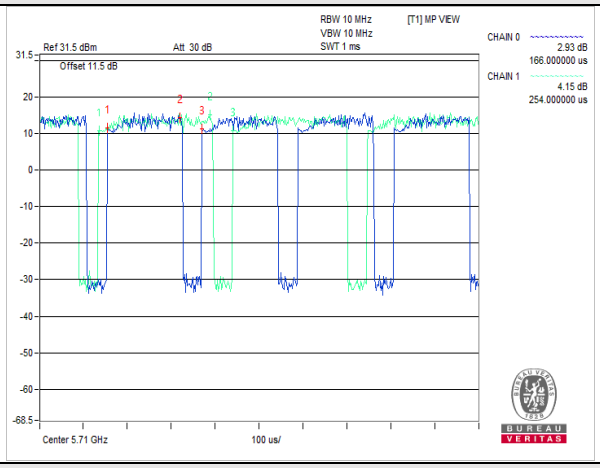
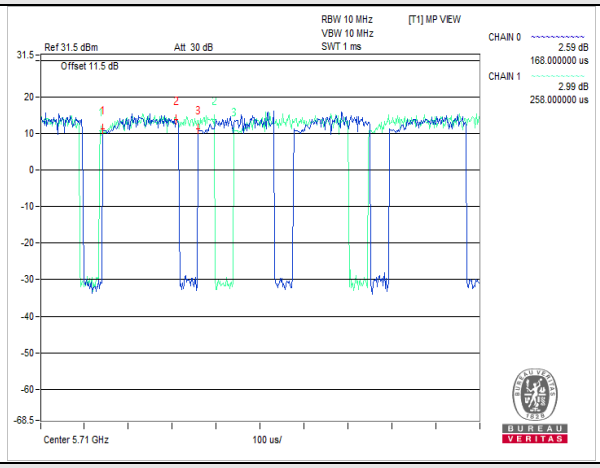
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

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)	

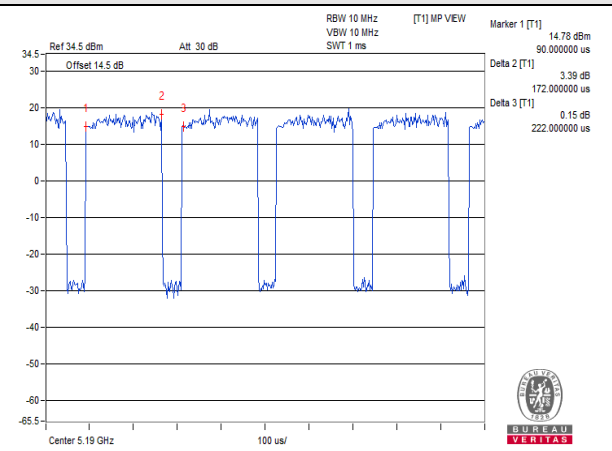
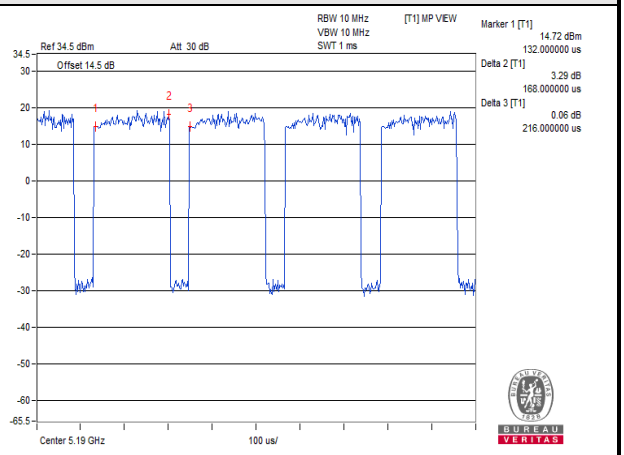
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 118 (5590MHz)	

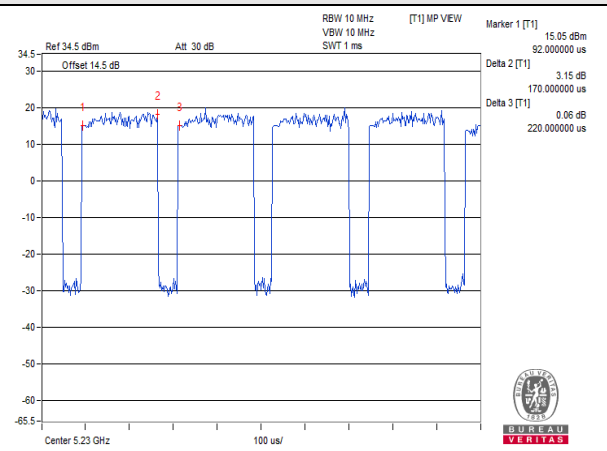
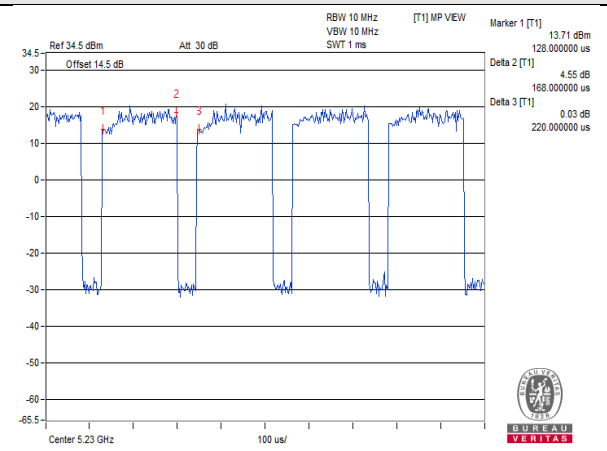
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 142 (5710MHz)	

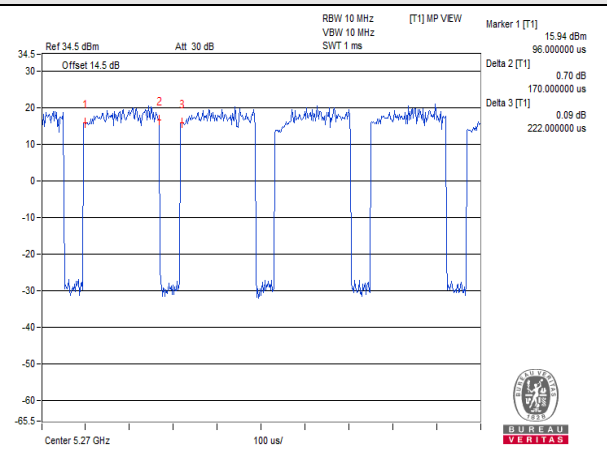
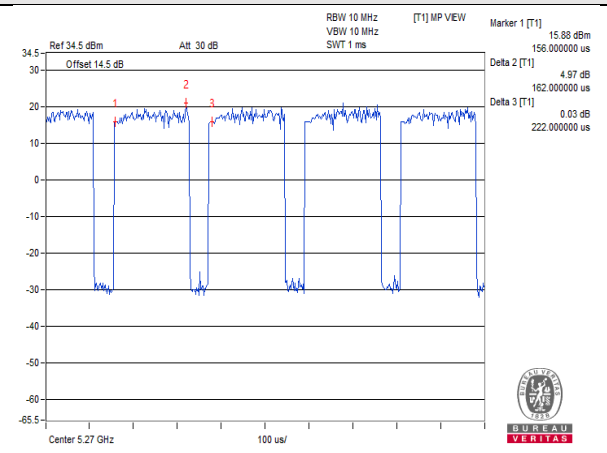
Use Combiner

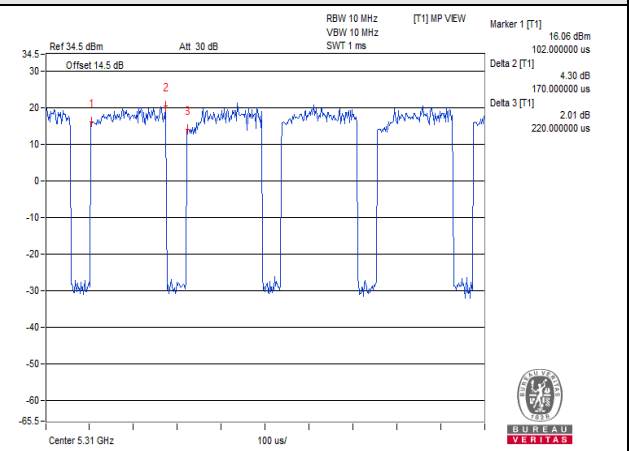
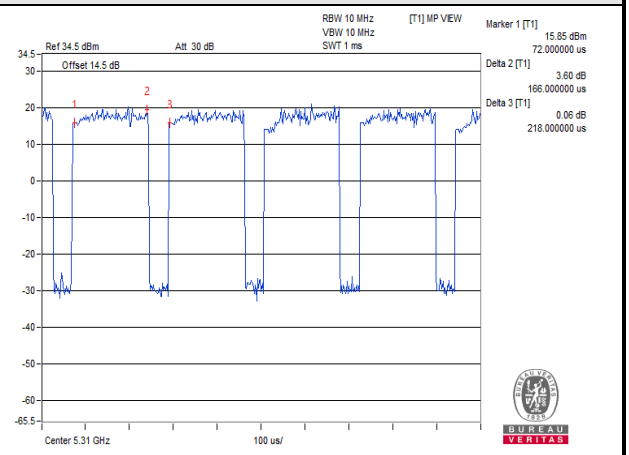
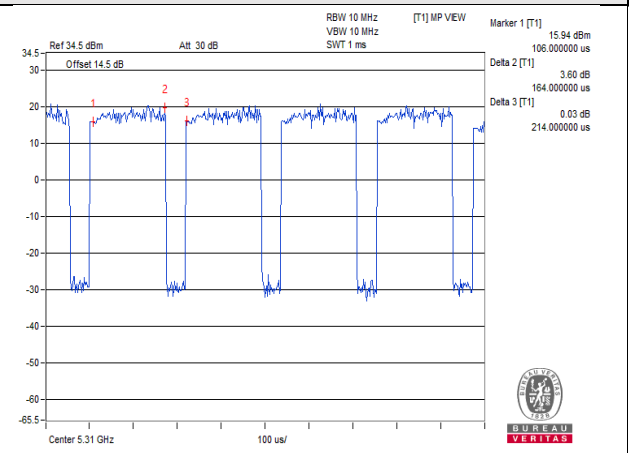
TEST CONDITION	Burst Length (ms)			
	CH 38 (5190MHz)	**CH 46 (5230MHz)**	**CH 54 (5270MHz)**	**CH 62 (5310MHz)**
V_{normal}	0.17	0.17	0.16	0.17
$V_{max.}$	0.16	0.17	0.17	0.16
$V_{min.}$	0.16	0.16	0.16	0.16
Limit	≦8ms			

TEST CONDITION	Burst Length (ms)		
	CH 102 (5510MHz)	**CH 118 (5590MHz)**	**CH 142 (5710MHz)**
V_{normal}	0.16	0.16	0.16
$V_{max.}$	0.16	0.16	0.16
$V_{min.}$	0.16	0.17	0.17
Limit	≦8ms		

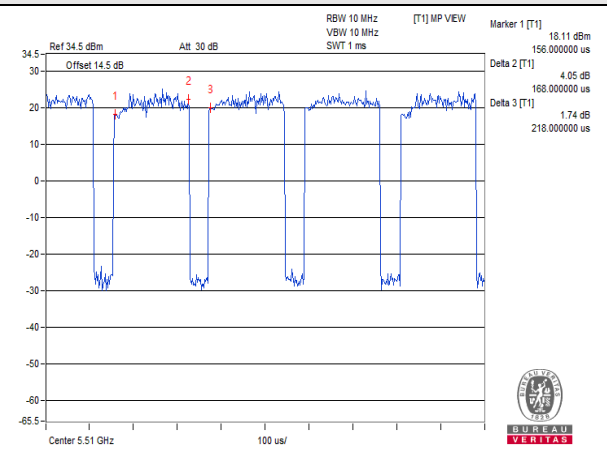
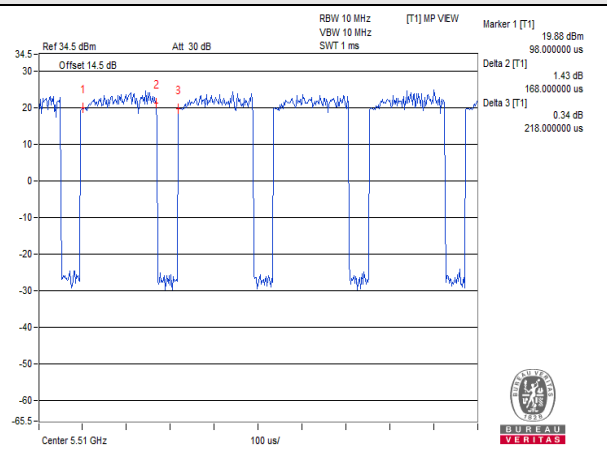
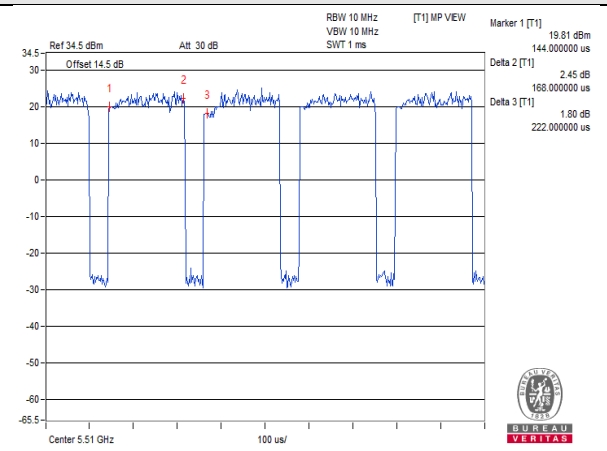
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 38 (5190MHz)	

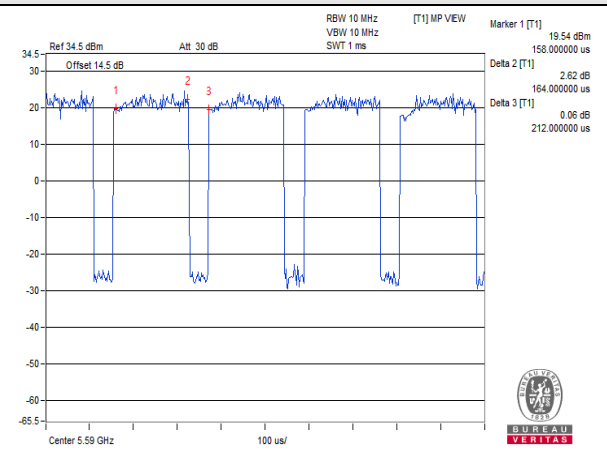
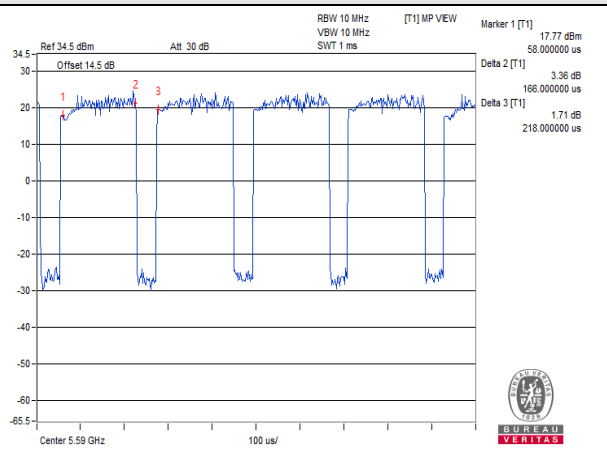
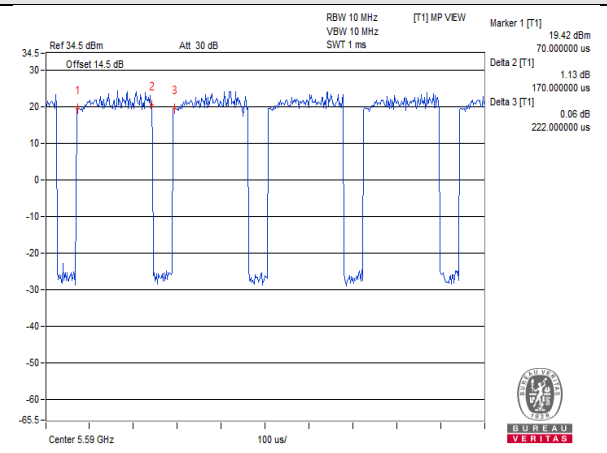
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 46 (5230MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 54 (5270MHz)	

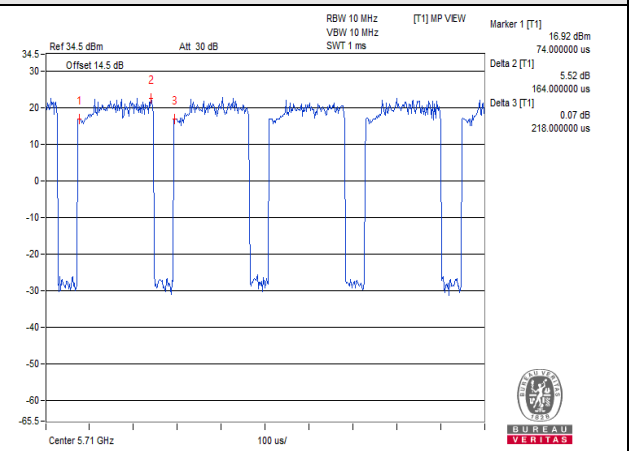
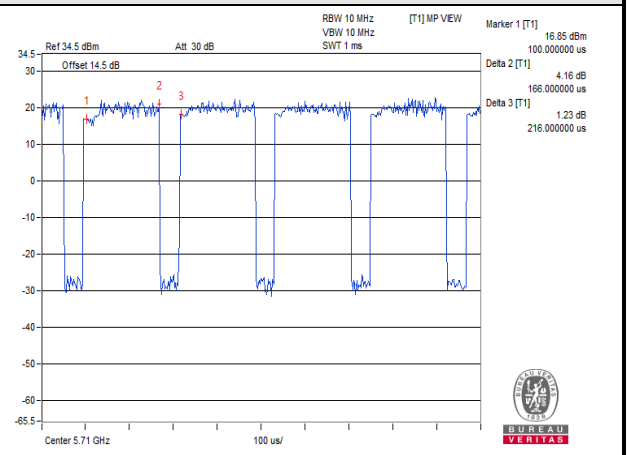
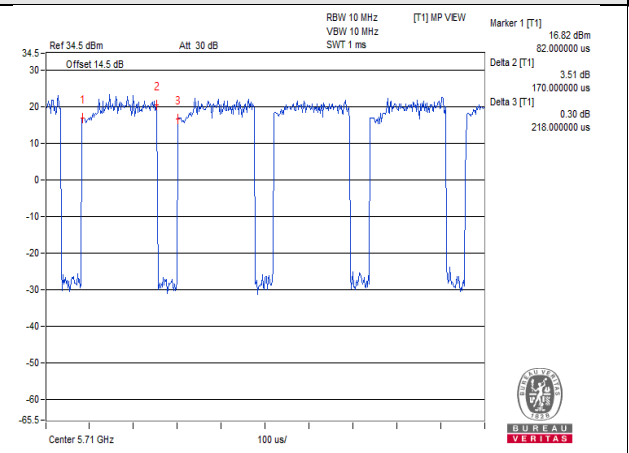
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	

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 142 (5710MHz)	

802.11ax (HE80)

Chain A

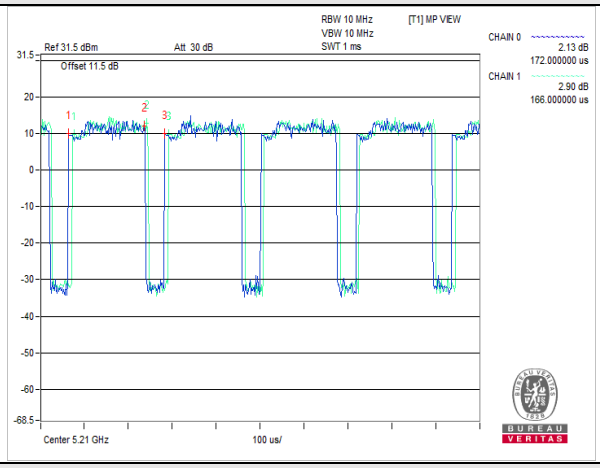
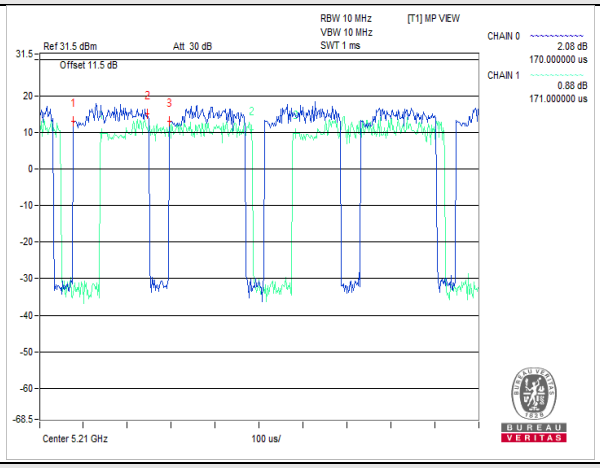
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.17	0.17	0.16
$V_{max.}$	0.17	0.17	0.17	0.17
$V_{min.}$	0.17	0.16	0.17	0.17
Limit	≦8ms			

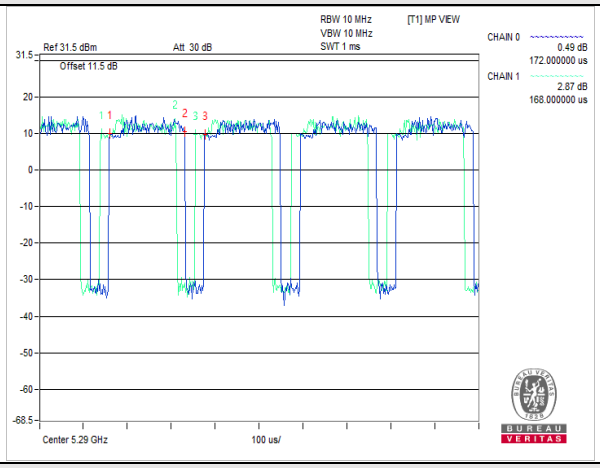
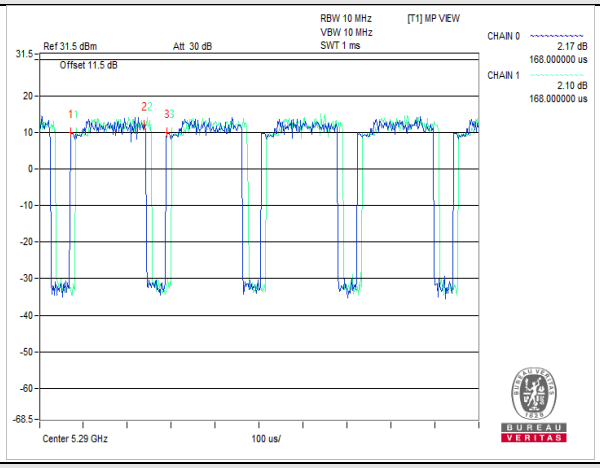
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.17
$V_{min.}$	0.16
Limit	≦8ms

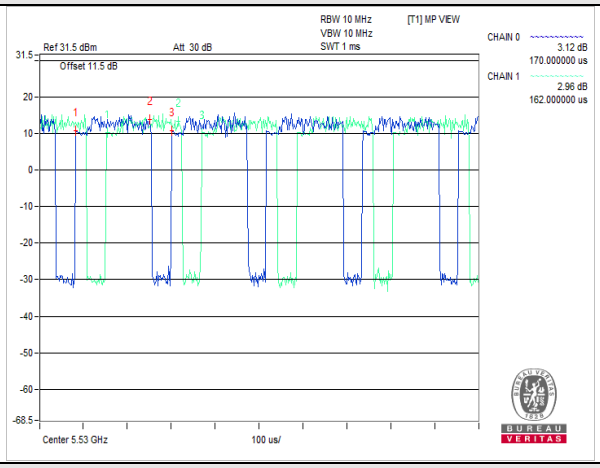
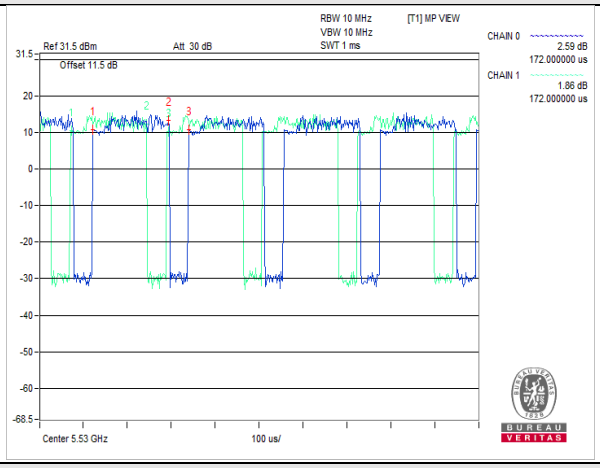
Chain B

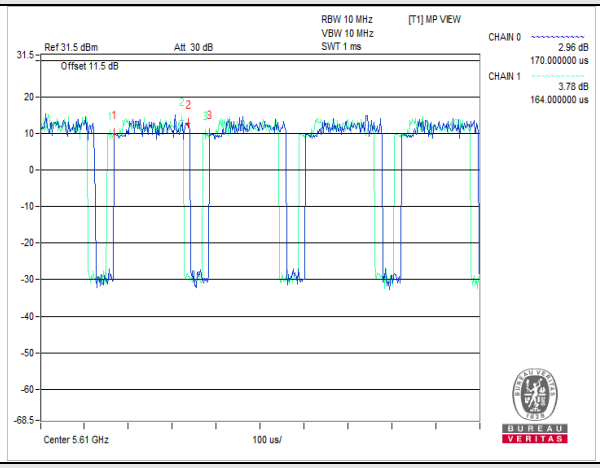
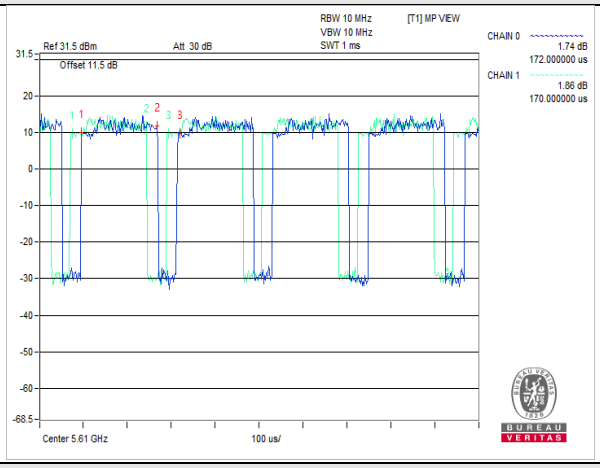
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.17	0.16	0.16	0.17
$V_{max.}$	0.16	0.16	0.16	0.16
$V_{min.}$	0.17	0.16	0.17	0.17
Limit	≦8ms			

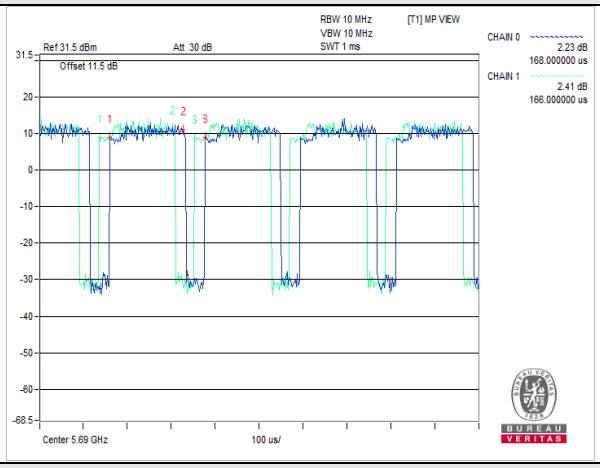
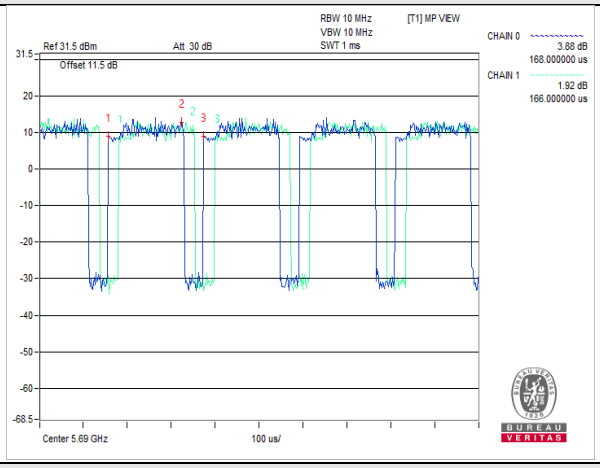
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.16
$V_{max.}$	0.16
$V_{min.}$	0.16
Limit	≦8ms

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)	

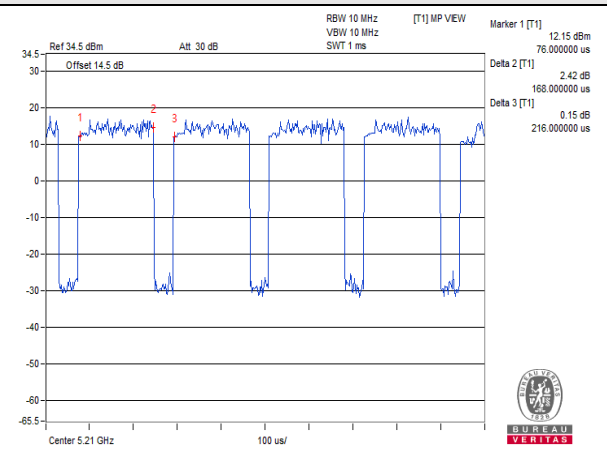
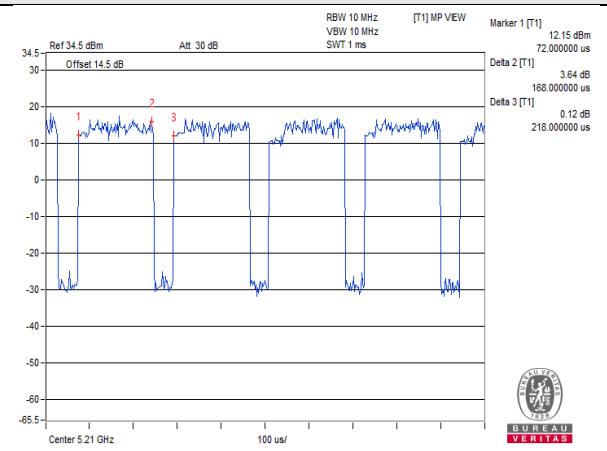
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 122 (5610MHz)	

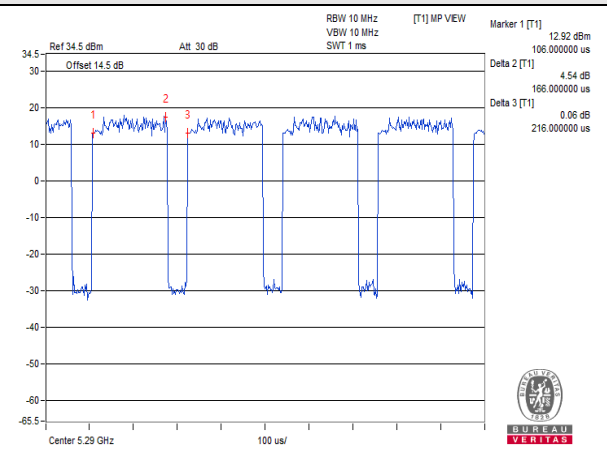
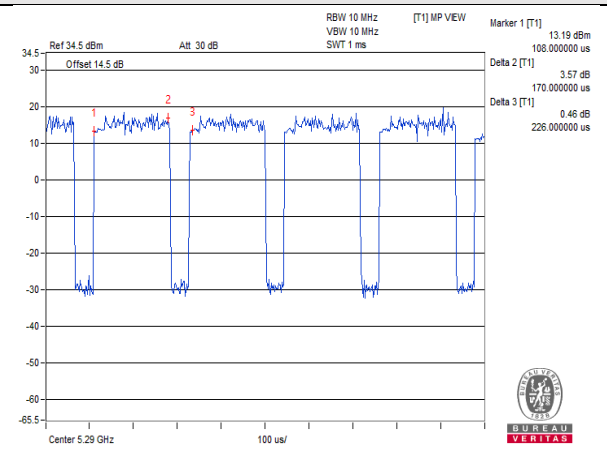
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

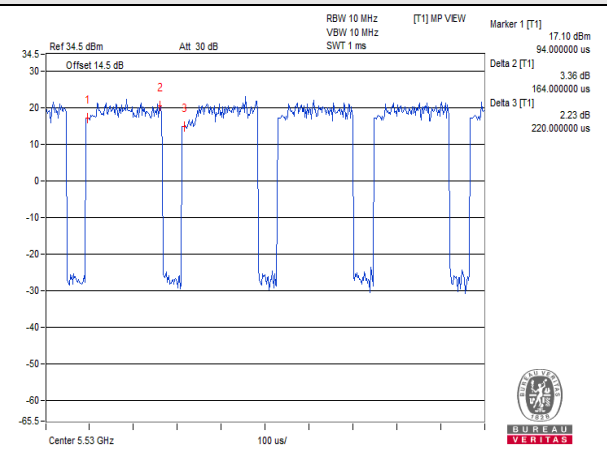
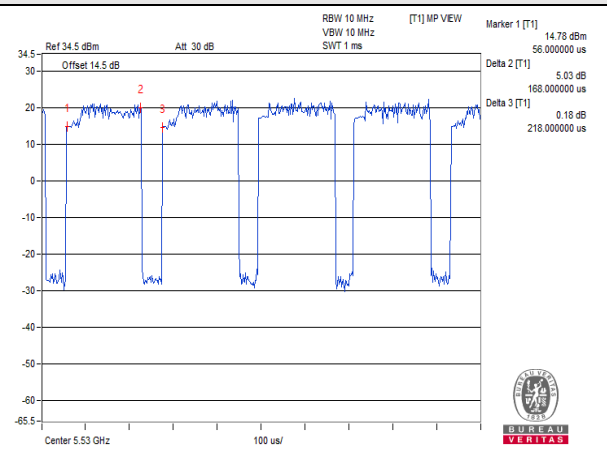
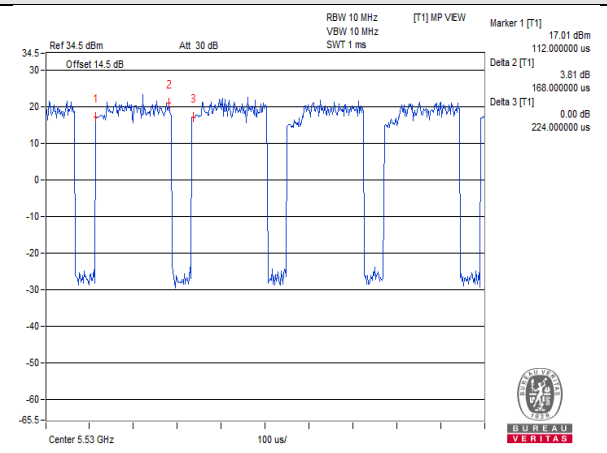
Use Combiner

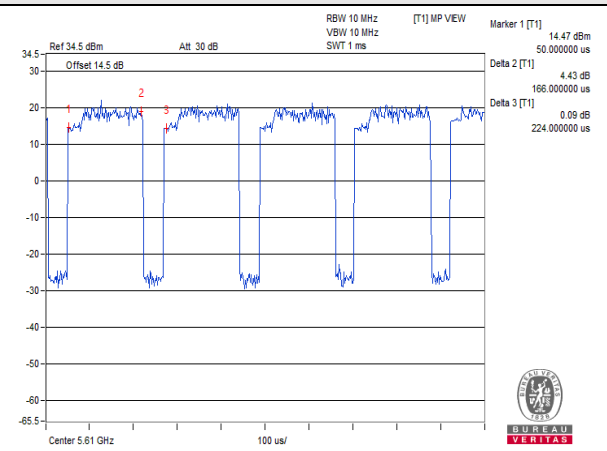
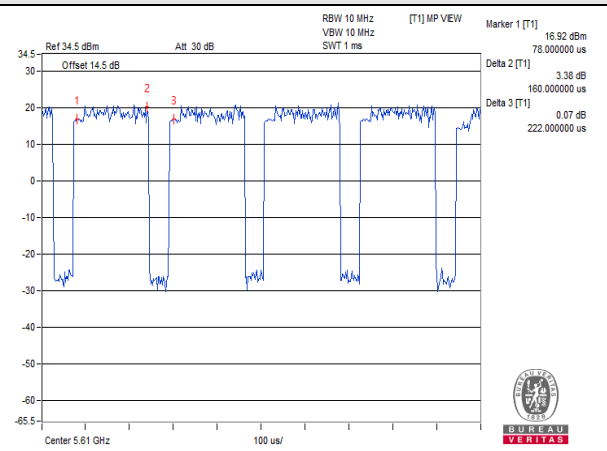
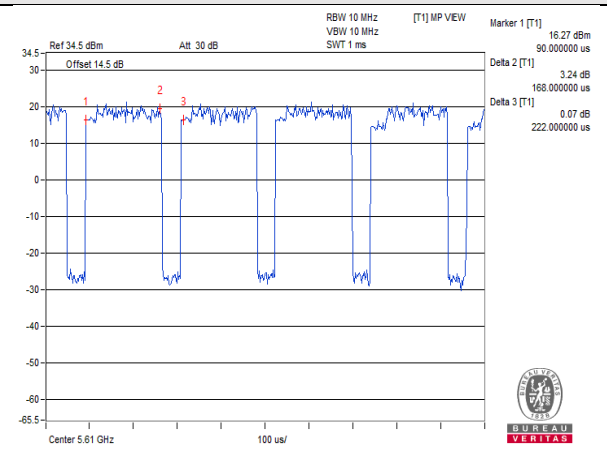
TEST CONDITION	Burst Length (ms)			
	CH 42 (5210MHz)	**CH 58 (5290MHz)**	**CH 106 (5530MHz)**	**CH 122 (5610MHz)**
V_{normal}	0.16	0.16	0.16	0.16
$V_{max.}$	0.17	0.16	0.16	0.16
$V_{min.}$	0.16	0.17	0.16	0.16
Limit	≦8ms			

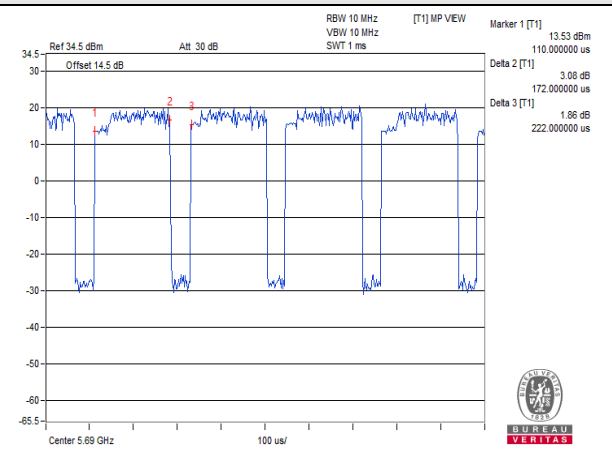
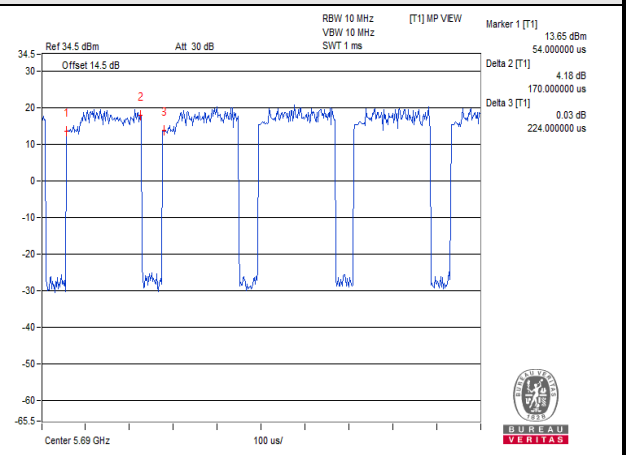
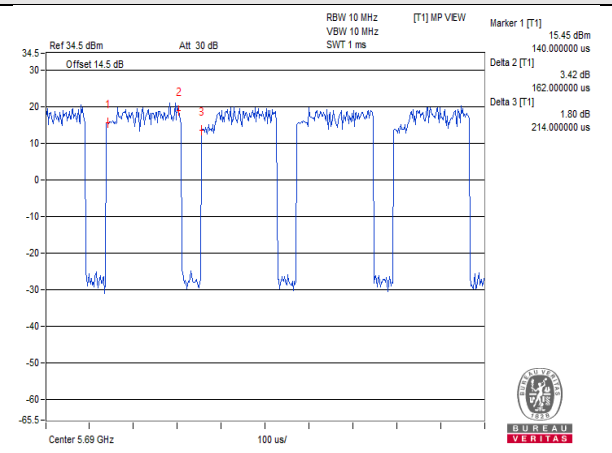
TEST CONDITION	Burst Length (ms)
	CH 138 (5690MHz)
V_{normal}	0.17
$V_{max.}$	0.17
$V_{min.}$	0.16
Limit	≦8ms

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)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 138 (5690MHz)	

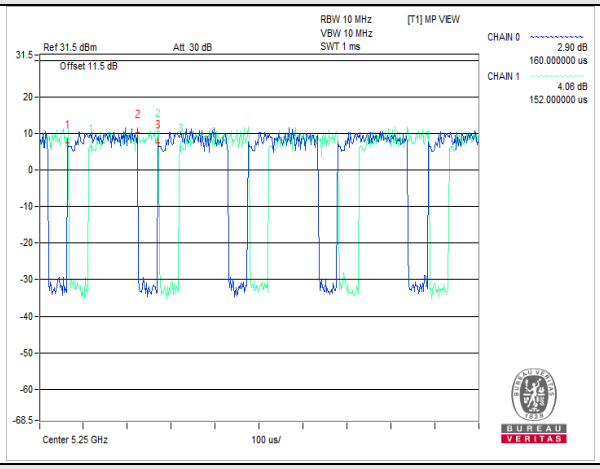
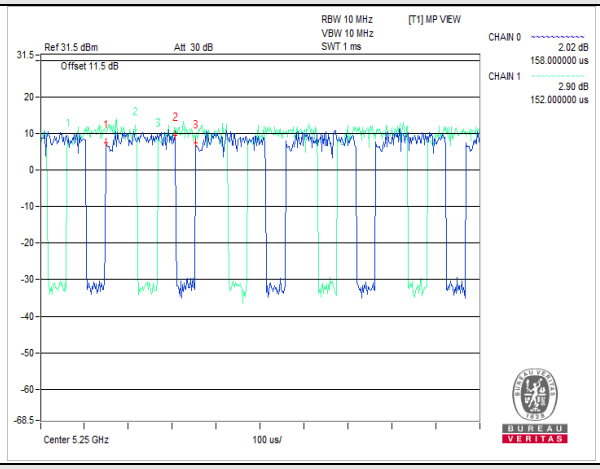
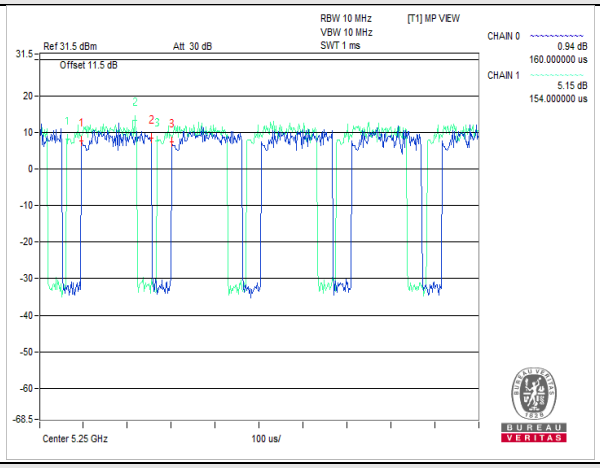
802.11ax (HE160)

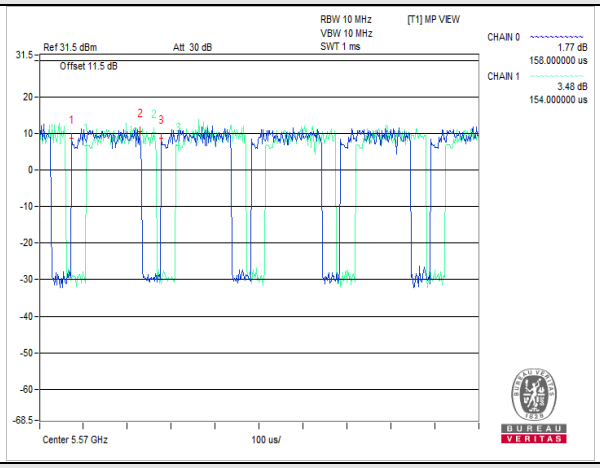
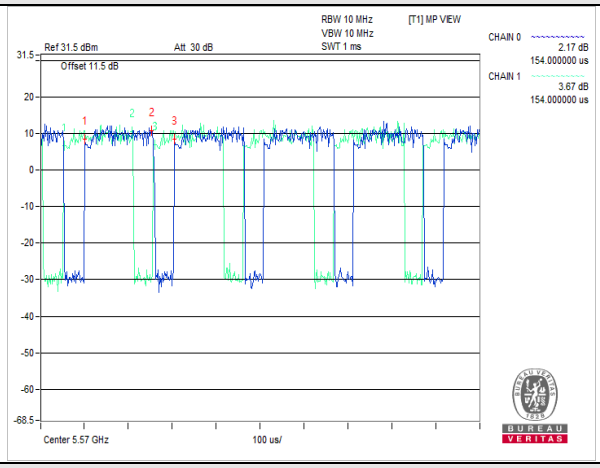
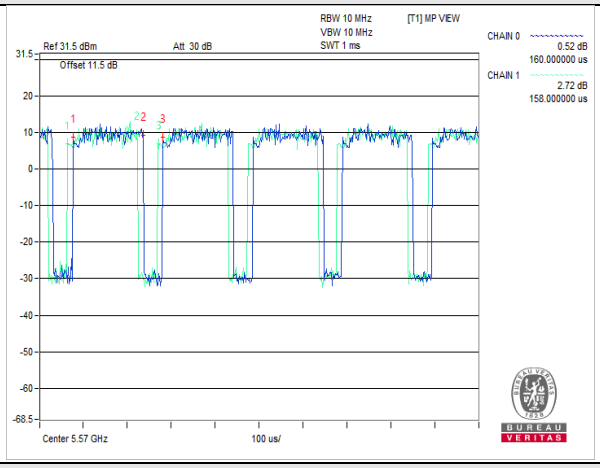
Chain A

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
V_{normal}	0.16	0.15
$V_{max.}$	0.15	0.15
$V_{min.}$	0.16	0.16
Limit	≦8ms	

Chain B

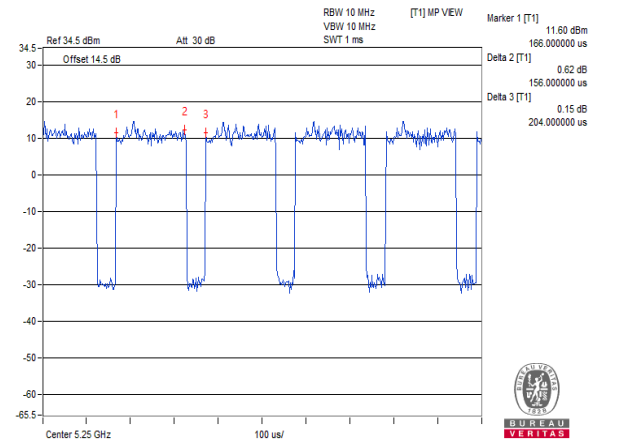
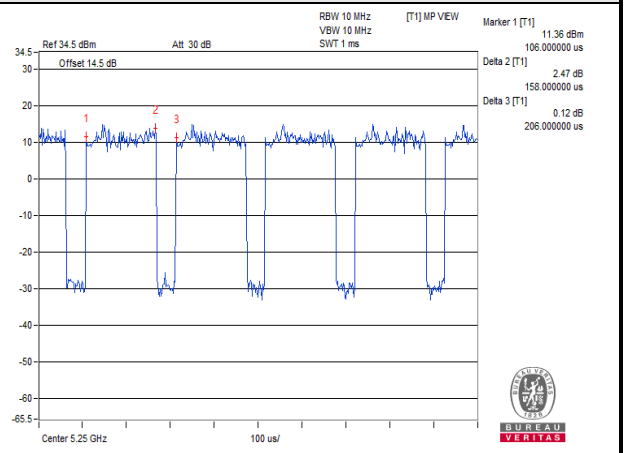
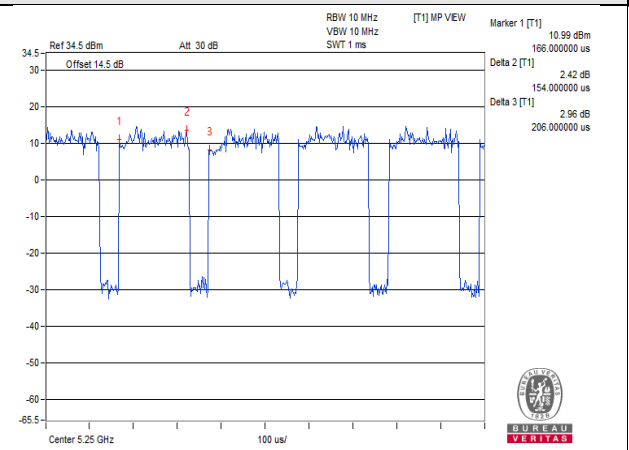
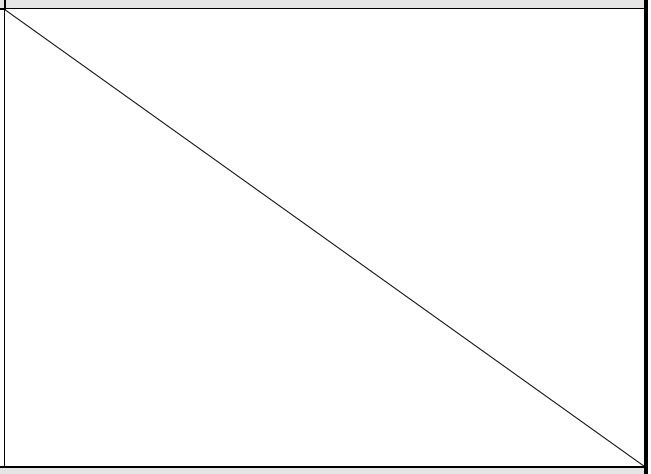
TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
V_{normal}	0.15	0.15
$V_{max.}$	0.15	0.15
$V_{min.}$	0.15	0.15
Limit	≦8ms	

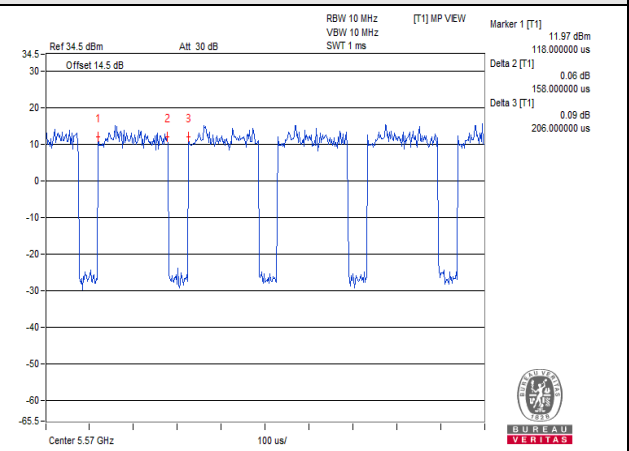
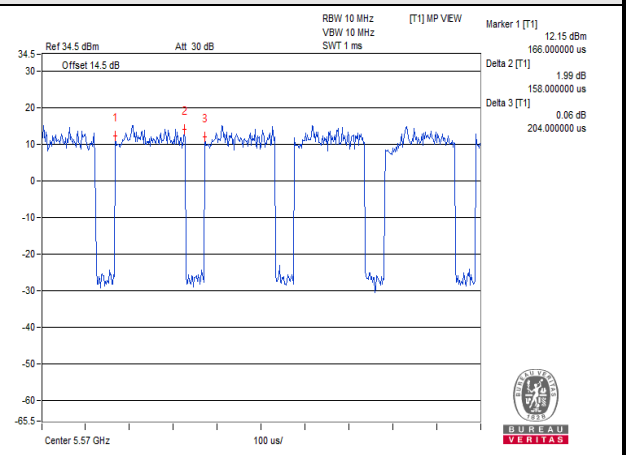
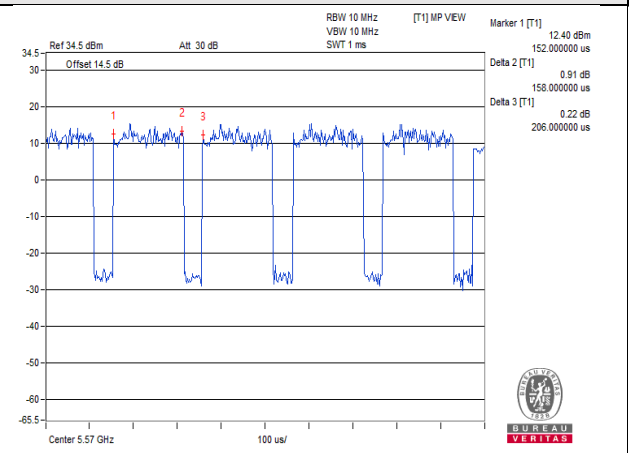
V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 50 (5250MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

Use Combiner

TEST CONDITION	Burst Length (ms)	
	CH 50 (5250MHz)	**CH 114 (5570MHz)**
$\mathbf{V}_{normal}$	0.15	0.15
$\mathbf{V}_{max.}$	0.15	0.15
$\mathbf{V}_{min.}$	0.15	0.15
Limit	≦8ms	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 50 (5250MHz)	

V_{normal}	$V_{max.}$
	
$V_{min.}$	
	
CH 114 (5570MHz)	

4.8 Interference Prevention Function

4.8.1 Limits of Interference Prevention Function

Radio equipment used mainly on the same premises and automatically transmits or receives identification code.

4.8.2 Test Setup

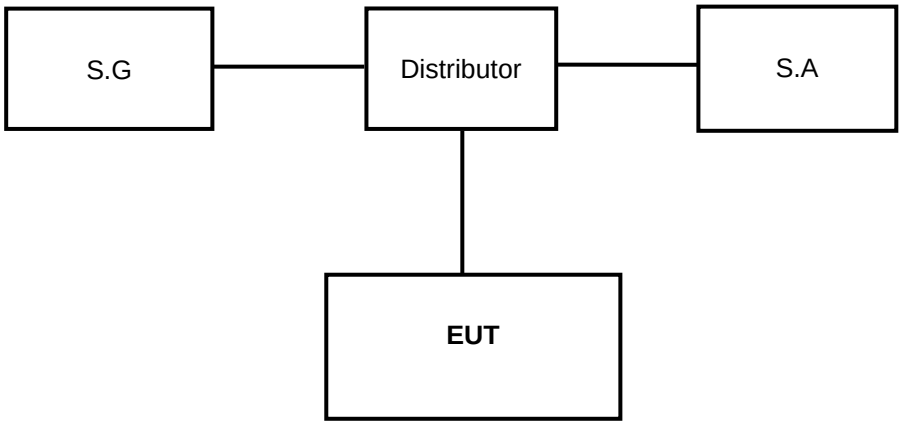


4.8.3 Test Results

Environmental Conditions	25 deg.C, 6 8% RH
Link Mode	**Test Result**
WiFi	Pass

4.9 Carrier Sense Capability

4.9.1 Measuring System Block Diagram



4.9.2 Measuring Operation Procedures

a) Turn the standard signal generator output OFF. Leave the equipment under test to be ready for transmission and verify the transmission with the spectrum analyzer.
b) Set the equipment under test to the receiving state.
c) Turn the standard signal generator ON and leave the equipment under test to be ready for transmission and verify with the spectrum analyzer that no transmission is being made.

4.9.3 Level of the Ambient Carrier

802.11a:

Frequency (MHz)	Pcs (dBm)	C.F (dB)	S.G Level
5180	-49.96	11.13	-38.83
5240	-50.06	11.15	-38.91
5260	-50.09	11.21	-38.88
5320	-50.19	11.31	-38.88
5500	-51.03	11.49	-39.54
5600	-51.18	11.56	-39.62
5720	-51.37	11.65	-39.72

Note:
Pcs (dBm) = 22.79 + Gr - 20log(F).
Gr: Antenna gain (W52: 1.54 dBi, W53: 1.54 dBi, W56: 0.99dBi).
F: Transmission frequency (MHz).
C.F = Distributor loss + cable loss.

802.11ax (HE20):

Frequency (MHz)	Pcs (dBm)	C.F (dB)	S.G Level
5180	-49.96	11.15	-38.81
5240	-50.06	11.16	-38.90
5260	-50.09	11.23	-38.86
5320	-50.19	11.32	-38.87
5500	-51.03	11.5	-39.53
5600	-51.18	11.57	-39.61
5720	-51.37	11.66	-39.71

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (W52: 1.54 dBi, W53: 1.54 dBi, W56: 0.99 dBi).

F: Transmission frequency (MHz).

C.F = Distributor loss + cable loss.

802.11ax (HE40):

Frequency (MHz)	Pcs (dBm)	C.F (dB)	S.G Level
5190	-49.97	11.15	-38.82
5230	-50.04	11.16	-38.88
5270	-50.11	11.24	-38.87
5310	-50.17	11.31	-38.86
5510	-51.04	11.49	-39.55
5590	-51.17	11.56	-39.61
5710	-51.35	11.63	-39.72

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (W52: 1.54 dBi, W53: 1.54dBi, W56: 0.99 dBi).

F: Transmission frequency (MHz).

C.F = Distributor loss + cable loss.

802.11ax (HE80):

Frequency (MHz)	Pcs (dBm)	C.F (dB)	S.G Level
5210	-50.01	11.16	-38.85
5290	-50.14	11.25	-38.89
5530	-51.07	11.53	-39.54
5610	-51.20	11.57	-39.63
5690	-51.32	11.60	-39.72

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (W52: 1.54 dBi, W53: 1.54 dBi, W56: 0.99 dBi).

F: Transmission frequency (MHz).

C.F = Distributor loss + cable loss.

802.11ax (HE160):

Frequency (MHz)	Pcs (dBm)	C.F (dB)	S.G Level
5250	-50.07	11.23	-38.84
5570	-51.14	11.55	-39.59

Note:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (W52: 1.54 dBi, W53: 1.54 dBi, W56: 0.99 dBi).

F: Transmission frequency (MHz).

C.F = Distributor loss + cable loss.

4.9.4 Test Result

Pass

4.10 Number of Carriers within 1 MHz Bandwidth in OFDM

4.10.1 Limit of Number of Carriers

For each 1 MHz bandwidth in OFDM, there should be at least 1 carrier

4.10.2 Test Setup



4.10.3 Test Result

About OFDM Technical, one OFDM Channel will have 52 sub-carriers. At present, we observe this product via the spectrum, and we know that there are 3 carriers in 1 MHz bandwidth in OFDM.

5 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration	Calibration Authority	Cal. Method
Spectrum Analyzer / Rohde & Schwarz	FSP40	100039	Jun. 12, 2020	Jun. 11, 2021	ETC	c)
Signal Generator / Anritsu	E4438C	MY49071692	Oct. 21, 2019	Oct. 20, 2020	ETC	c)
			Oct. 13, 2020	Oct. 12, 2021		
Power Meter / Anritsu	ML2495A	1232001	Jan. 07, 2020	Jan. 06, 2021	ETC	c)
			Dec. 29, 2020	Dec. 28, 2021		
Power Sensor / Anritsu	MA2411B	1207334	Jan. 07, 2020	Jan. 06, 2021	ETC	c)
			Dec. 29, 2020	Dec. 28, 2021		
Power Splitter/ MARVELOUS MICROWAVE INC.	MVE8546	20161123081	Jan. 20, 2020	Jan. 19, 2021	BV CPS E&E	d)
			Jan. 13, 2021	Jan. 12, 2022		
AC Power Supply / EEC	6905S	1991553	NA	NA	NA	d)
True RMS Clamp Meter / Fluke	325	31130711WS	Jun 06, 2020	Jun 05, 2021	ETC	c)

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)～ TELEC EngeneeringCenter, Intertek Japan K.K., Keysight Technologies, Inc～.
   b)：Correction conducted pursuant to the provisions of Article 135 or Article 144 of the MeasurementLaw (Law No. 51 of 1992)～Japan Calibration Service Syste～
   c)：Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted bythe NICT or a designated calibration agency under Article 102-18 paragraph (1)～ TELEC EngeneeringCenter, Intertek Japan K.K., Keysight Technologies, Inc～.
   d)：Calibration conducted by using other equipment that listed above from a) to c)

6 Photographs of the Test Configuration

Please refer to the attached file (Test Setup Photo.)

Appendix - Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

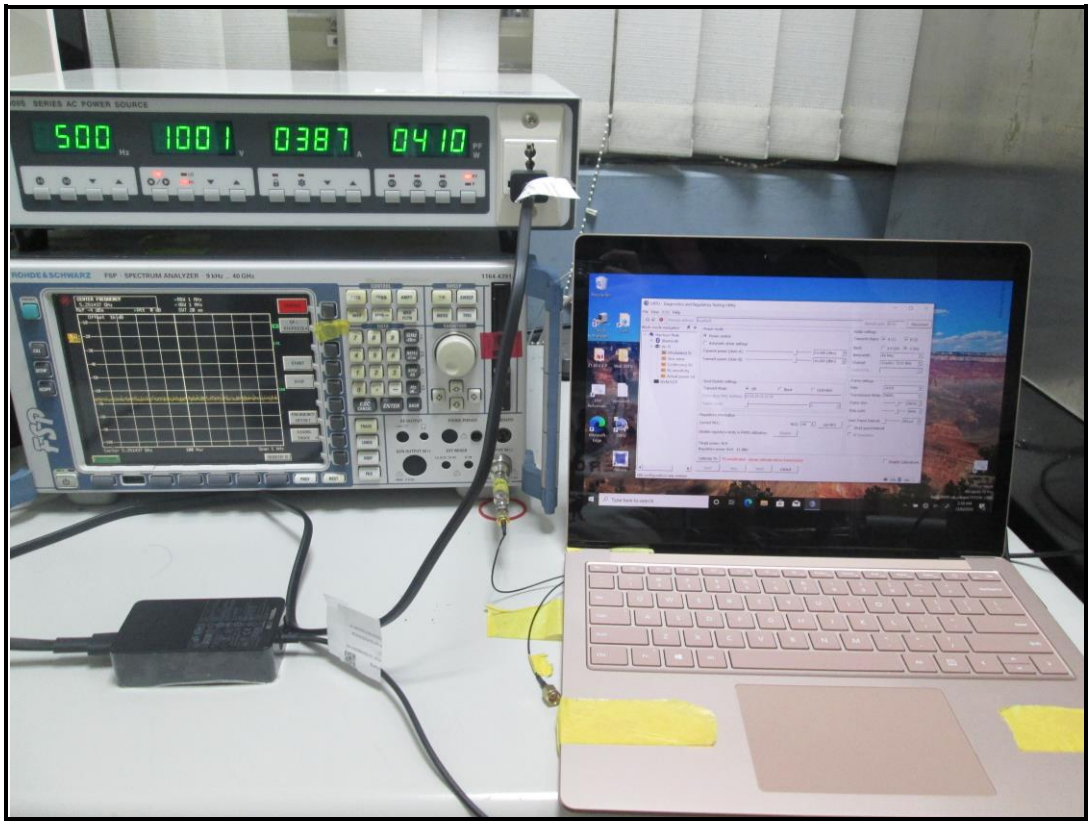
Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

--- END ---

For WLAN 5G



---END---