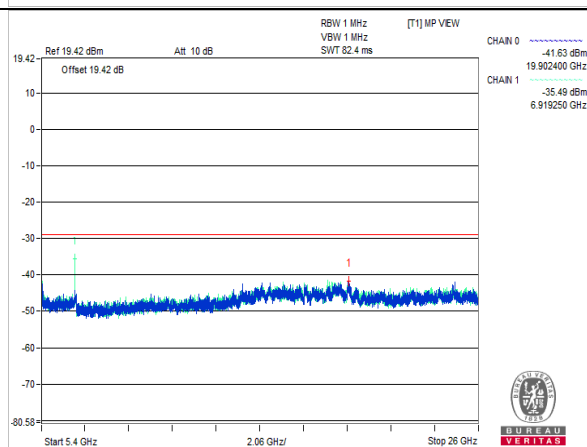
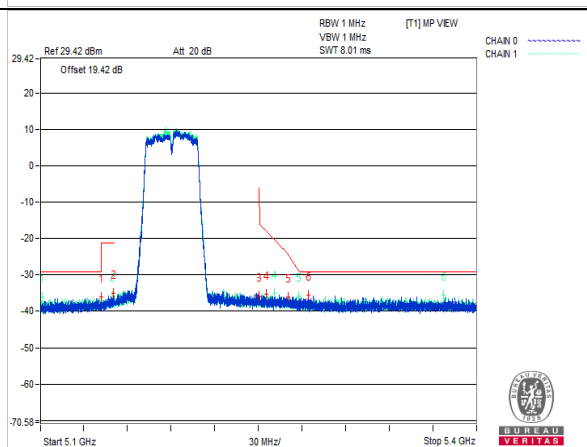
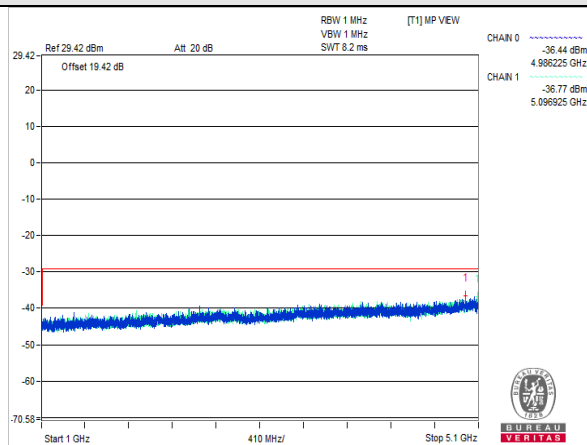
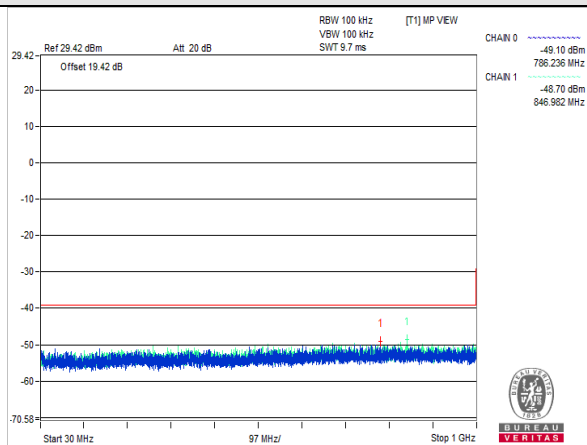
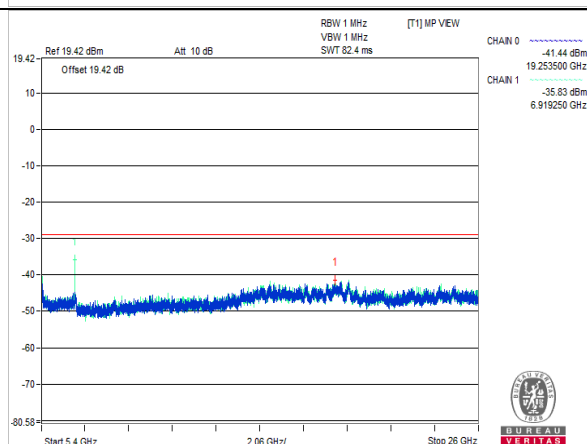
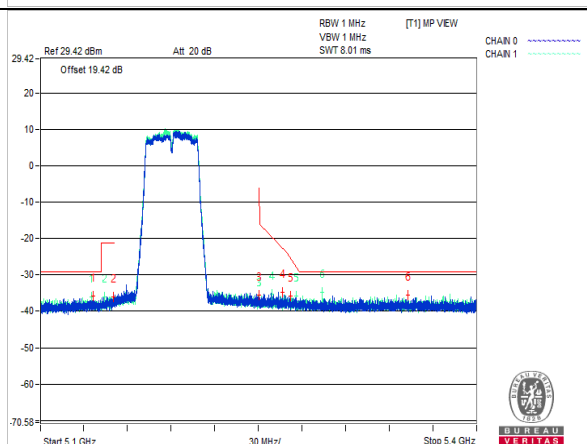
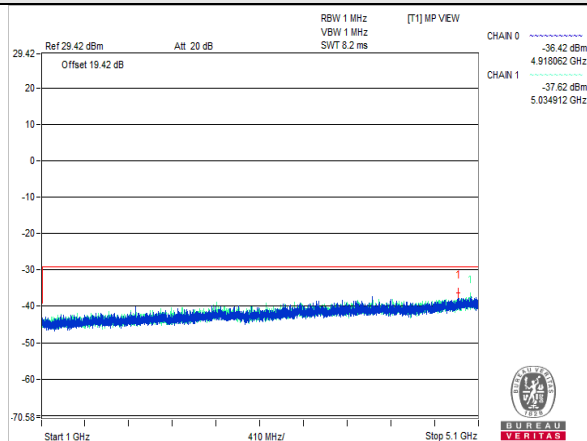
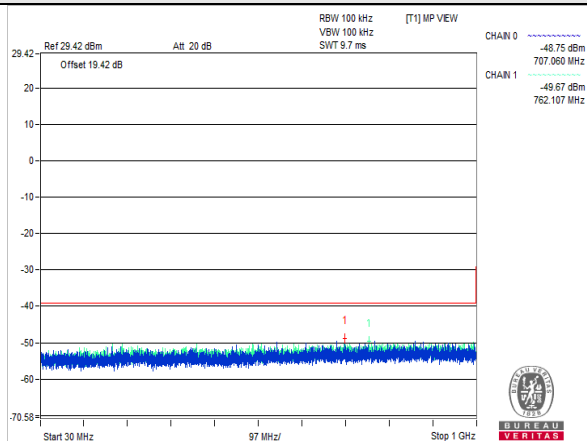


V_{max}.



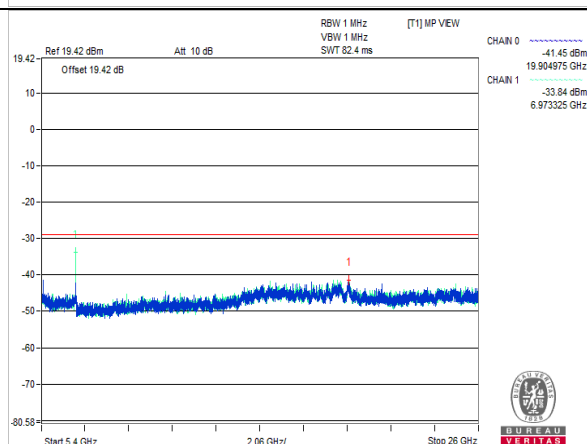
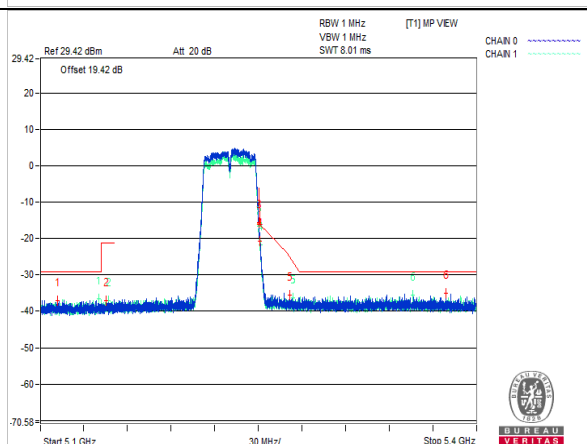
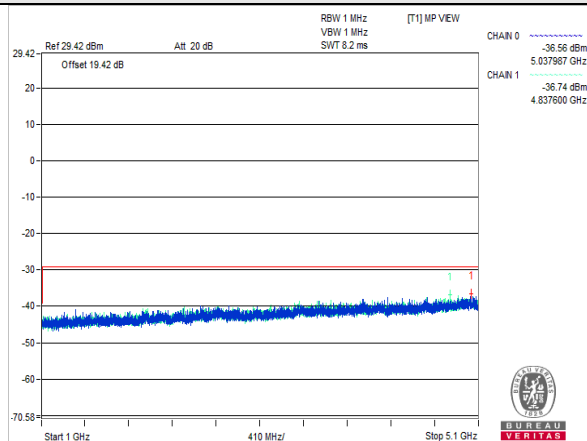
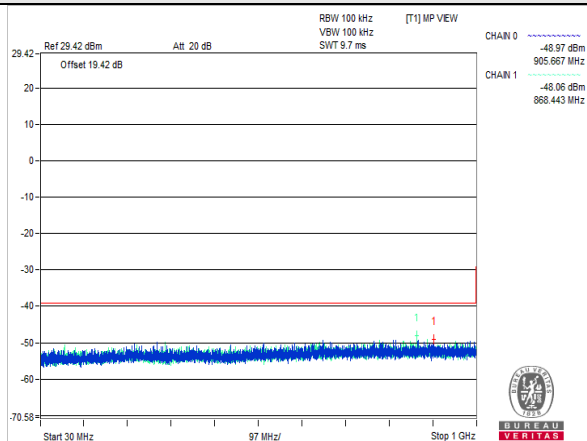
CH 38 (5190MHz)

V_{min}.



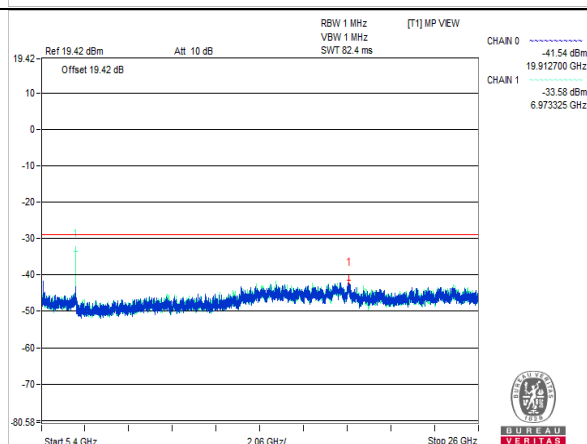
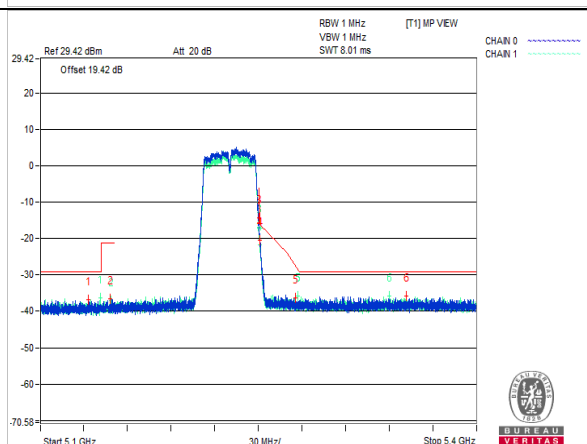
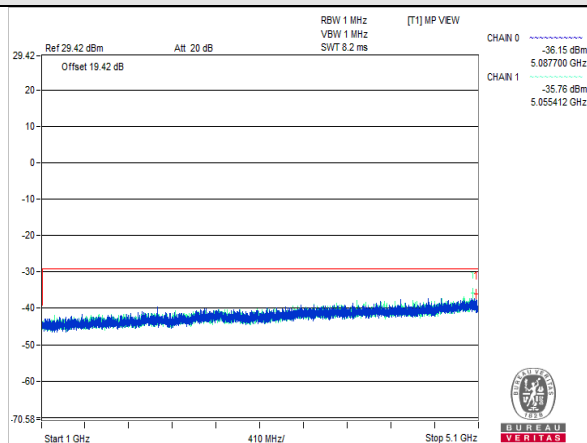
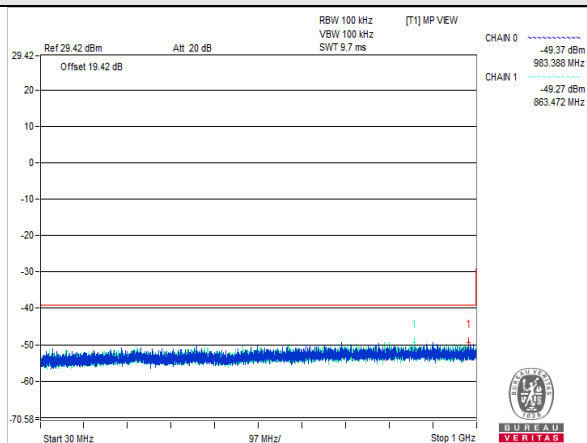
CH 38 (5190MHz)

Vnormal



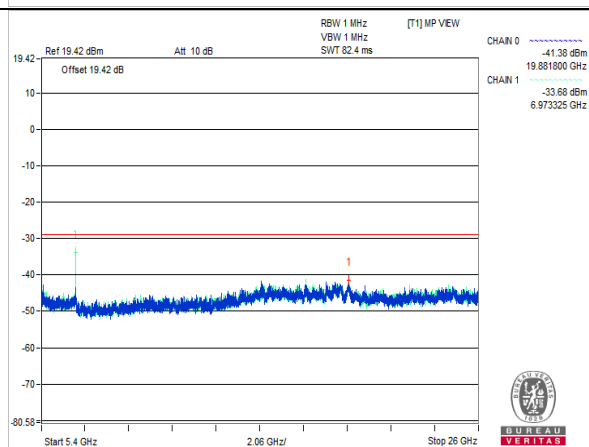
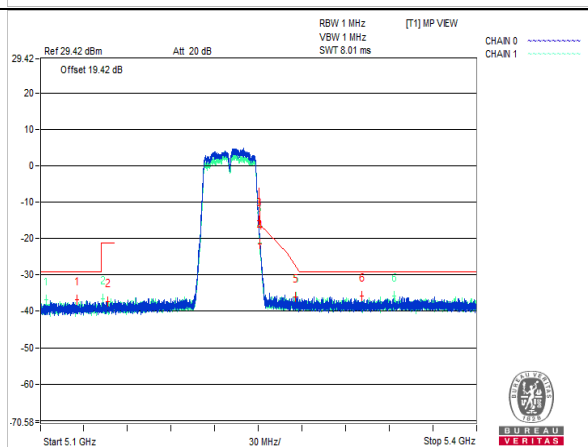
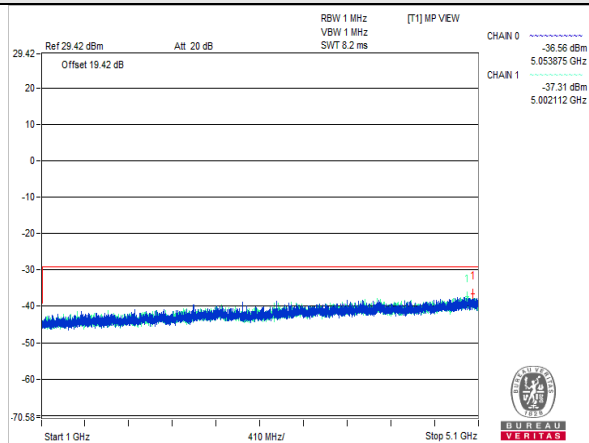
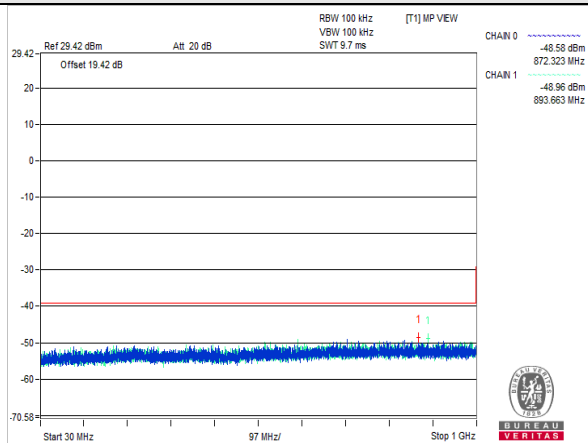
CH 46 (5230MHz)

V_{max}.



CH 46 (5230MHz)

V_{min}.



CH 46 (5230MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 38 (5190MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.024834	0.25	PASS
	1000.0 to 5100.0	0.523636	2.5	PASS
	5100.0 to 5141.6	0.527266	2.5	PASS
	5141.6 to 5150.0	0.657704	15	PASS
	5250.0 to 5251.0	0.537068	273.507982	PASS
	5251.0 to 5270.0	0.669930	42.250628	PASS
	5270.0 to 5278.4	0.532146	4.967892	PASS
	5278.4 to 5400.0	0.598452	2.5	PASS
	5400.0 to 26000.0	0.567584	2.5	PASS
V_{max.}	30.0 to 1000.0	0.026980	0.25	PASS
	1000.0 to 5100.0	0.453972	2.5	PASS
	5100.0 to 5141.6	0.497772	2.5	PASS
	5141.6 to 5150.0	0.641254	15	PASS
	5250.0 to 5251.0	0.538306	250.593618	PASS
	5251.0 to 5270.0	0.636840	19.26551	PASS
	5270.0 to 5278.4	0.522432	2.79034	PASS
	5278.4 to 5400.0	0.566278	2.5	PASS
	5400.0 to 26000.0	0.564976	2.5	PASS
	30.0 to 1000.0	0.026670	0.25	PASS
V_{min.}	1000.0 to 5100.0	0.456068	2.5	PASS
	5100.0 to 5141.6	0.534602	2.5	PASS
	5141.6 to 5150.0	0.505860	15	PASS
	5250.0 to 5251.0	0.562380	193.628822	PASS
	5251.0 to 5270.0	0.683958	10.965354	PASS
	5270.0 to 5278.4	0.522432	6.167586	PASS
	5278.4 to 5400.0	0.648680	2.5	PASS
	5400.0 to 26000.0	0.522432	2.5	PASS

TEST CHANNEL		CH 46 (5230MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.031262	0.25	PASS
	1000.0 to 5100.0	0.441600	2.5	PASS
	5100.0 to 5141.6	0.437552	2.5	PASS
	5141.6 to 5150.0	0.394484	15	PASS
	5250.0 to 5251.0	54.957884	500	PASS
	5251.0 to 5270.0	17.339238	50	PASS
	5270.0 to 5278.4	0.557224	6.663406	PASS
	5278.4 to 5400.0	0.631000	2.5	PASS
	5400.0 to 26000.0	0.826096	2.5	PASS
V_{max.}	30.0 to 1000.0	0.023660	0.25	PASS
	1000.0 to 5100.0	0.530922	2.5	PASS
	5100.0 to 5141.6	0.463478	2.5	PASS
	5141.6 to 5150.0	0.428578	15	PASS
	5250.0 to 5251.0	72.615610	500	PASS
	5251.0 to 5270.0	18.240216	49.580038	PASS
	5270.0 to 5278.4	0.526054	2.922924	PASS
	5278.4 to 5400.0	0.538306	2.5	PASS
	5400.0 to 26000.0	0.877062	2.5	PASS
V_{min.}	30.0 to 1000.0	0.027736	0.25	PASS
	1000.0 to 5100.0	0.441600	2.5	PASS
	5100.0 to 5141.6	0.418822	2.5	PASS
	5141.6 to 5150.0	0.436546	15	PASS
	5250.0 to 5251.0	60.957900	459.166298	PASS
	5251.0 to 5270.0	14.690278	49.941864	PASS
	5270.0 to 5278.4	0.504696	3.376342	PASS
	5278.4 to 5400.0	0.540792	2.5	PASS
	5400.0 to 26000.0	0.857098	2.5	PASS

W53 Band:
802.11ac (VHT40)
Chain 0

TEST CHANNEL		CH 54 (5270MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	249.098	0.013614	0.125	PASS
	1000.0 to 5100.0	5002.112	0.254097	1.25	PASS
	5100.0 to 5221.6	5213.475	0.292415	1.25	PASS
	5221.6 to 5230.0	5222.287	0.294442	1.373685	PASS
	5230.0 to 5249.0	5249.000	8.649679	25	PASS
	5249.0 to 5250.0	5250.000	40.550854	250	PASS
	5350.0 to 5358.4	5352.450	0.274789	7.5	PASS
	5358.4 to 5400.0	5379.000	0.301301	1.25	PASS
	5400.0 to 26000.0	18864.675	0.090365	1.25	PASS
V_{max.}	30.0 to 1000.0	943.861	0.014158	0.125	PASS
	1000.0 to 5100.0	4652.587	0.232274	1.25	PASS
	5100.0 to 5221.6	5173.687	0.298538	1.25	PASS
	5221.6 to 5230.0	5229.600	0.322107	3.750433	PASS
	5230.0 to 5249.0	5249.000	8.830799	25	PASS
	5249.0 to 5250.0	5250.000	42.072663	250	PASS
	5350.0 to 5358.4	5356.875	0.304089	7.5	PASS
	5358.4 to 5400.0	5375.437	0.309030	1.25	PASS
	5400.0 to 26000.0	18218.350	0.084528	1.25	PASS
V_{min.}	30.0 to 1000.0	861.290	0.017418	0.125	PASS
	1000.0 to 5100.0	4834.012	0.264850	1.25	PASS
	5100.0 to 5221.6	5213.287	0.313329	1.25	PASS
	5221.6 to 5230.0	5222.737	0.313329	1.461262	PASS
	5230.0 to 5249.0	5249.000	7.079458	25	PASS
	5249.0 to 5250.0	5250.000	36.812897	250	PASS
	5350.0 to 5358.4	5354.362	0.277332	7.5	PASS
	5358.4 to 5400.0	5373.525	0.314775	1.25	PASS
	5400.0 to 26000.0	19227.750	0.091411	1.25	PASS

TEST CHANNEL		CH 62 (5310MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	679.415	0.013092	0.125	PASS
	1000.0 to 5100.0	4954.450	0.271644	1.25	PASS
	5100.0 to 5221.6	5220.562	0.335738	1.25	PASS
	5221.6 to 5230.0	5222.475	0.306196	1.409615	PASS
	5230.0 to 5249.0	5230.275	0.290402	4.069293	PASS
	5249.0 to 5250.0	5249.925	0.267301	210.348786	PASS
	5350.0 to 5358.4	5357.887	0.444631	7.5	PASS
	5358.4 to 5400.0	5361.975	0.349140	1.25	PASS
	5400.0 to 26000.0	15769.525	0.081658	1.25	PASS
V_{max.}	30.0 to 1000.0	797.755	0.014125	0.125	PASS
	1000.0 to 5100.0	4166.225	0.226464	1.25	PASS
	5100.0 to 5221.6	5214.487	0.322107	1.25	PASS
	5221.6 to 5230.0	5223.750	0.320627	1.679383	PASS
	5230.0 to 5249.0	5235.112	0.367282	6.504024	PASS
	5249.0 to 5250.0	5249.700	0.246604	125.296809	PASS
	5350.0 to 5358.4	5353.687	0.313329	7.5	PASS
	5358.4 to 5400.0	5363.812	0.364754	1.25	PASS
	5400.0 to 26000.0	17893.900	0.085901	1.25	PASS
V_{min.}	30.0 to 1000.0	777.506	0.012218	0.125	PASS
	1000.0 to 5100.0	5088.725	0.248886	1.25	PASS
	5100.0 to 5221.6	5218.387	0.299226	1.25	PASS
	5221.6 to 5230.0	5227.312	0.341979	2.739116	PASS
	5230.0 to 5249.0	5237.625	0.340408	8.298367	PASS
	5249.0 to 5250.0	5249.000	0.222331	25	PASS
	5350.0 to 5358.4	5351.437	0.368129	7.5	PASS
	5358.4 to 5400.0	5372.287	0.343558	1.25	PASS
	5400.0 to 26000.0	19256.075	0.078705	1.25	PASS

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

Chain 1

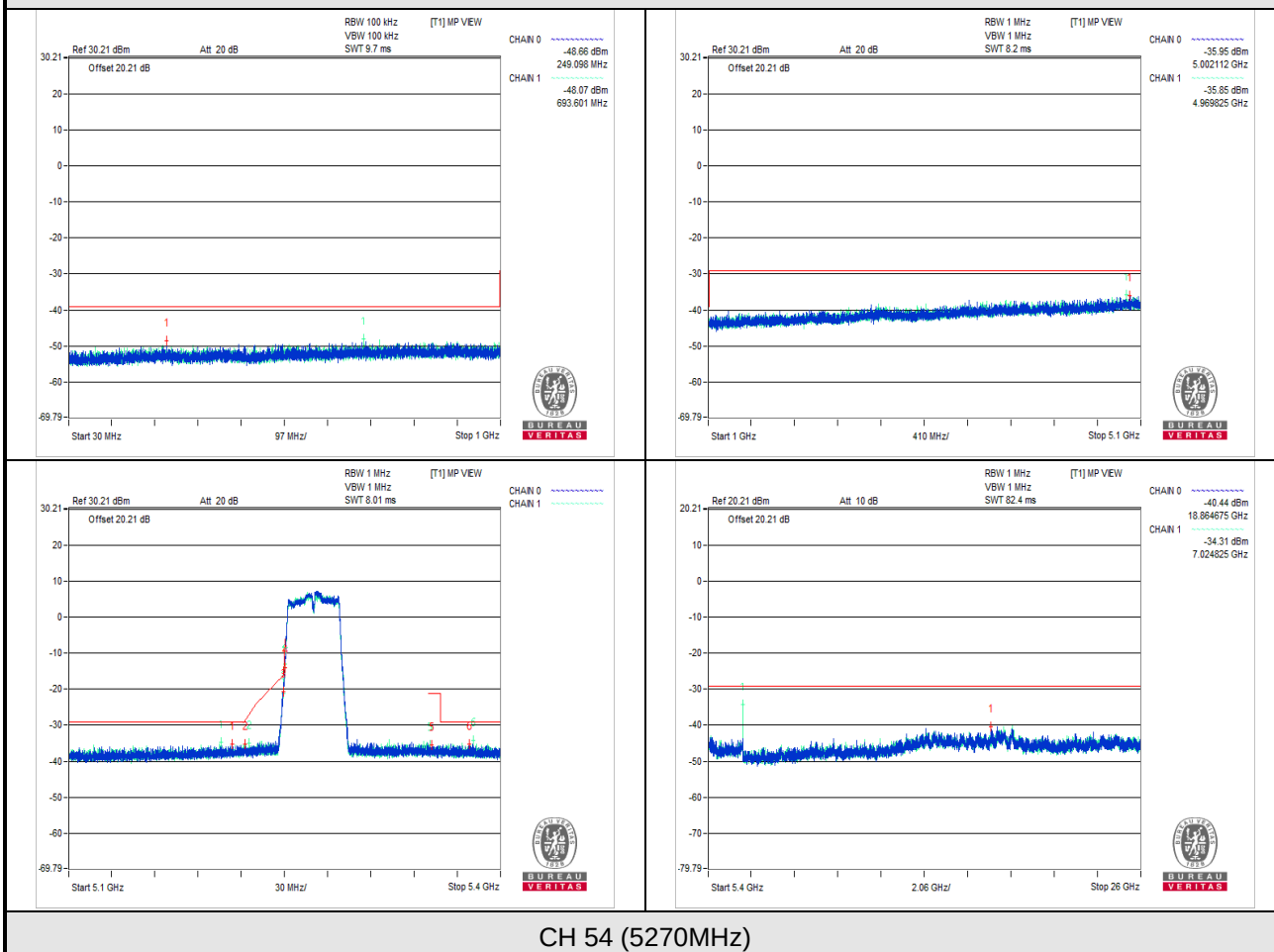
TEST CHANNEL		CH 54 (5270MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	693.601	0.015596	0.125	PASS
	1000.0 to 5100.0	4969.825	0.260016	1.25	PASS
	5100.0 to 5221.6	5205.337	0.341979	1.25	PASS
	5221.6 to 5230.0	5225.025	0.324340	2.000779	PASS
	5230.0 to 5249.0	5249.000	7.447320	25	PASS
	5249.0 to 5250.0	5250.000	49.317380	250	PASS
	5350.0 to 5358.4	5351.587	0.283139	7.5	PASS
	5358.4 to 5400.0	5381.362	0.366438	1.25	PASS
	5400.0 to 26000.0	7024.825	0.370681	1.25	PASS
V_{max.}	30.0 to 1000.0	983.873	0.013366	0.125	PASS
	1000.0 to 5100.0	4910.887	0.247172	1.25	PASS
	5100.0 to 5221.6	5208.862	0.309030	1.25	PASS
	5221.6 to 5230.0	5226.562	0.299226	2.471016	PASS
	5230.0 to 5249.0	5249.000	8.570378	25	PASS
	5249.0 to 5250.0	5249.925	34.040819	210.348786	PASS
	5350.0 to 5358.4	5352.225	0.304089	7.5	PASS
	5358.4 to 5400.0	5388.487	0.334965	1.25	PASS
	5400.0 to 26000.0	7024.825	0.353997	1.25	PASS
V_{min.}	30.0 to 1000.0	713.001	0.016106	0.125	PASS
	1000.0 to 5100.0	5061.562	0.248313	1.25	PASS
	5100.0 to 5221.6	5214.112	0.328095	1.25	PASS
	5221.6 to 5230.0	5226.562	0.337287	2.471016	PASS
	5230.0 to 5249.0	5248.762	8.994976	24.429746	PASS
	5249.0 to 5250.0	5250.000	39.994475	250	PASS
	5350.0 to 5358.4	5352.862	0.343558	7.5	PASS
	5358.4 to 5400.0	5367.825	0.296483	1.25	PASS
	5400.0 to 26000.0	7024.825	0.363078	1.25	PASS

TEST CHANNEL		CH 62 (5310MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	727.187	0.014028	0.125	PASS
	1000.0 to 5100.0	5048.750	0.250611	1.25	PASS
	5100.0 to 5221.6	5116.537	0.286418	1.25	PASS
	5221.6 to 5230.0	5224.612	0.276058	1.890449	PASS
	5230.0 to 5249.0	5248.762	0.421697	24.429746	PASS
	5249.0 to 5250.0	5249.250	0.253513	44.456985	PASS
	5350.0 to 5358.4	5350.387	0.379315	7.5	PASS
	5358.4 to 5400.0	5375.437	0.355631	1.25	PASS
	5400.0 to 26000.0	7078.900	0.259418	1.25	PASS
V_{max.}	30.0 to 1000.0	919.611	0.015136	0.125	PASS
	1000.0 to 5100.0	4991.350	0.288403	1.25	PASS
	5100.0 to 5221.6	5212.987	0.309030	1.25	PASS
	5221.6 to 5230.0	5228.137	0.315500	3.067741	PASS
	5230.0 to 5249.0	5244.937	0.316957	16.86034	PASS
	5249.0 to 5250.0	5249.025	0.269774	26.481343	PASS
	5350.0 to 5358.4	5354.850	0.341193	7.5	PASS
	5358.4 to 5400.0	5391.112	0.363915	1.25	PASS
	5400.0 to 26000.0	7078.900	0.283792	1.25	PASS
V_{min.}	30.0 to 1000.0	783.568	0.014928	0.125	PASS
	1000.0 to 5100.0	4929.337	0.250035	1.25	PASS
	5100.0 to 5221.6	5217.150	0.342768	1.25	PASS
	5221.6 to 5230.0	5226.787	0.299226	2.548567	PASS
	5230.0 to 5249.0	5240.587	0.391742	11.058811	PASS
	5249.0 to 5250.0	5249.325	0.311172	52.837226	PASS
	5350.0 to 5358.4	5351.400	0.361410	7.5	PASS
	5358.4 to 5400.0	5371.162	0.331131	1.25	PASS
	5400.0 to 26000.0	7078.900	0.258821	1.25	PASS

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

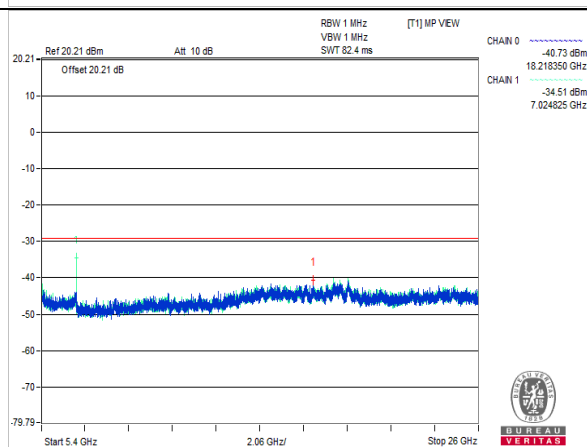
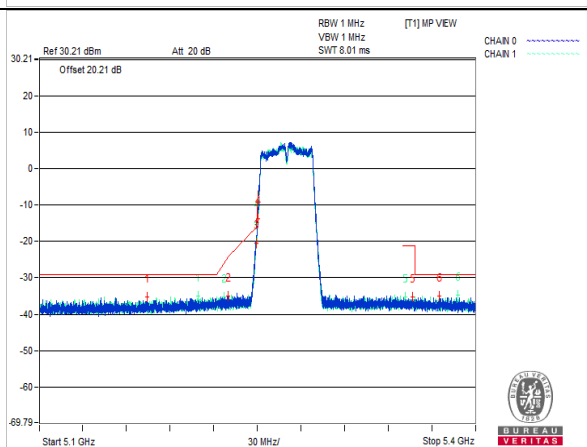
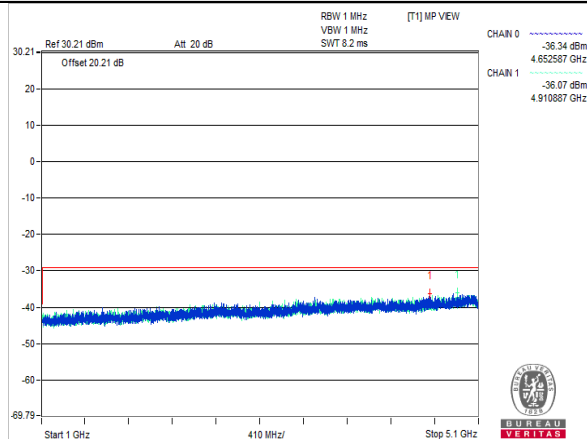
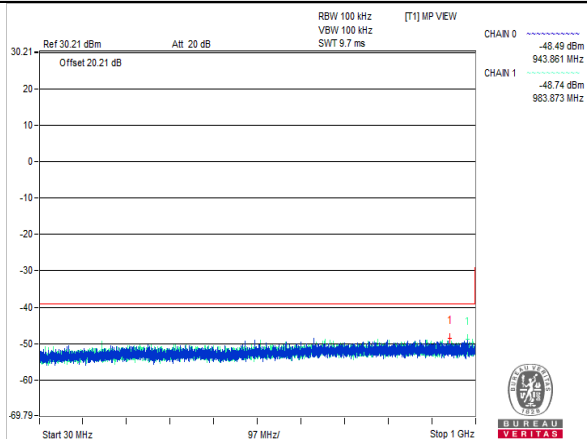
Graph

Vnormal



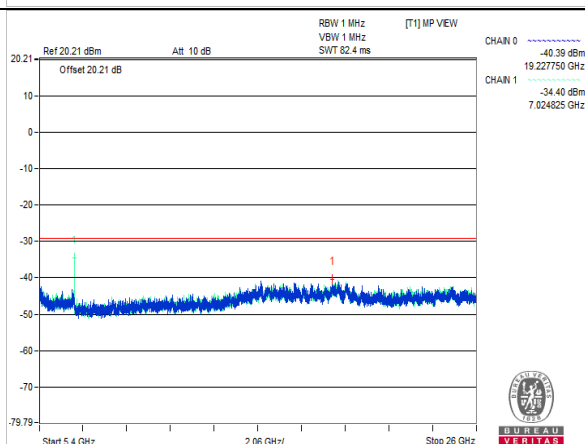
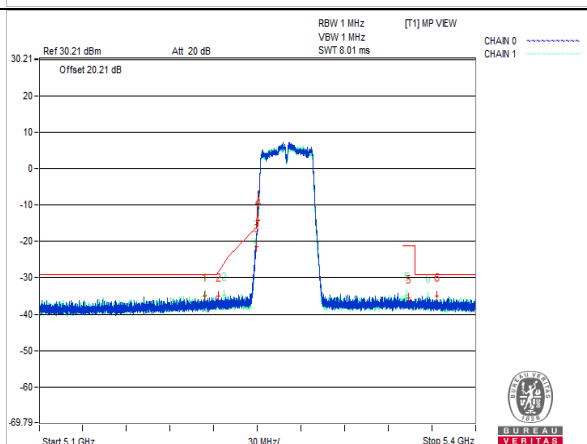
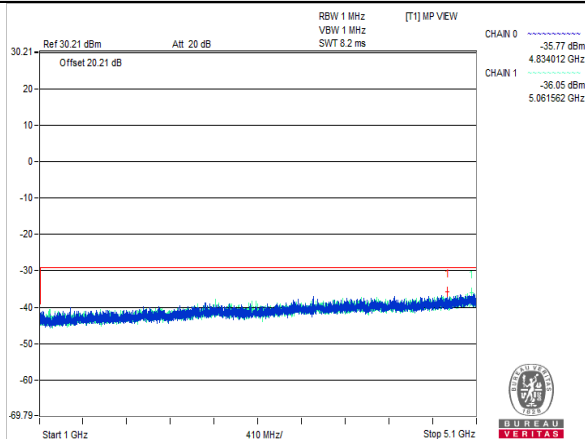
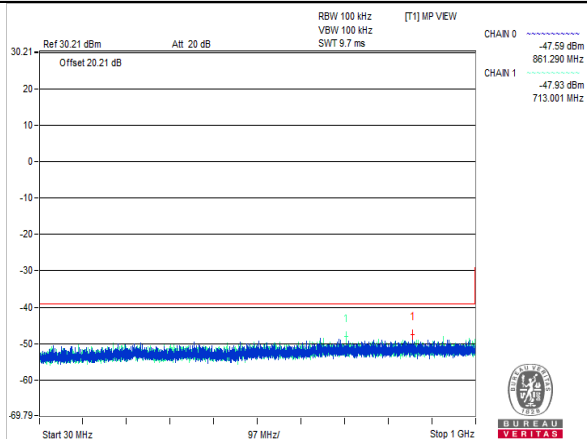
CH 54 (5270MHz)

V_{max}.



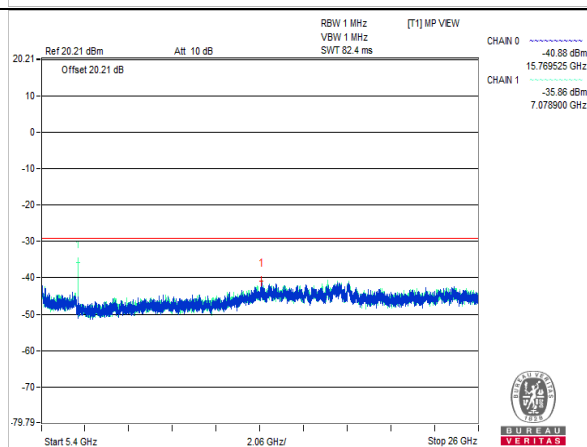
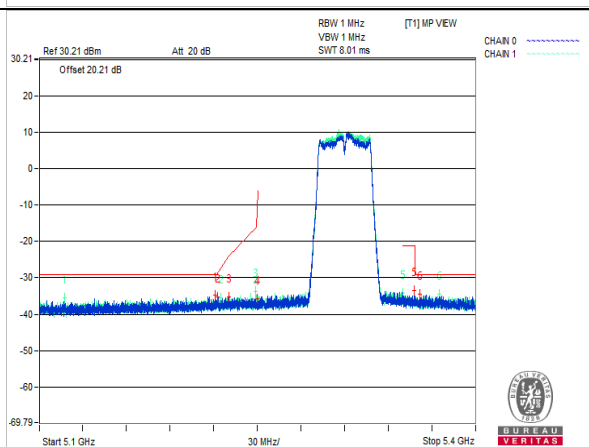
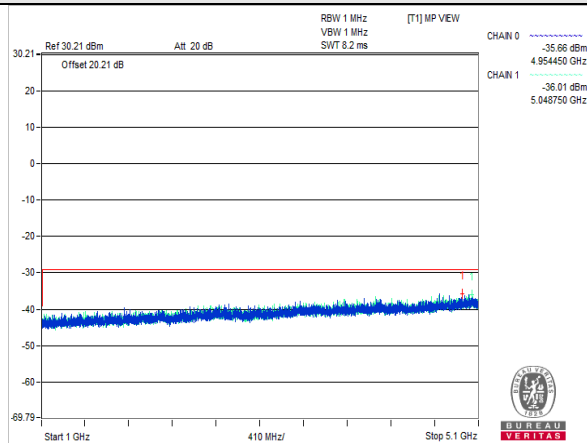
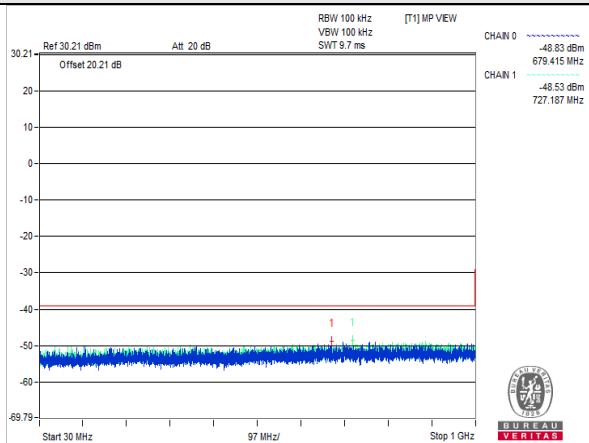
CH 54 (5270MHz)

V_{min}.



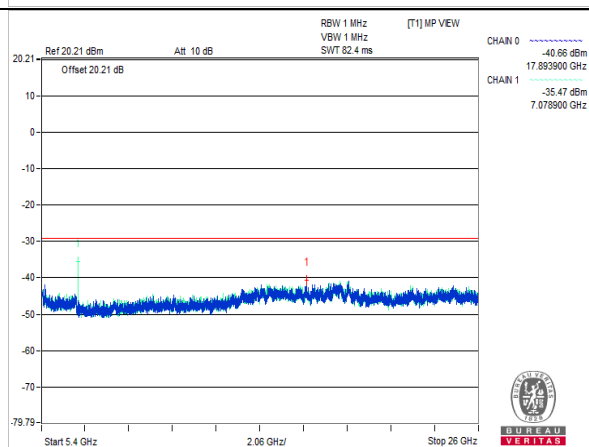
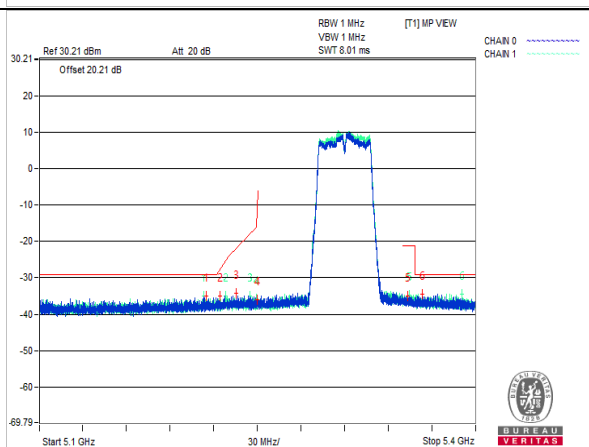
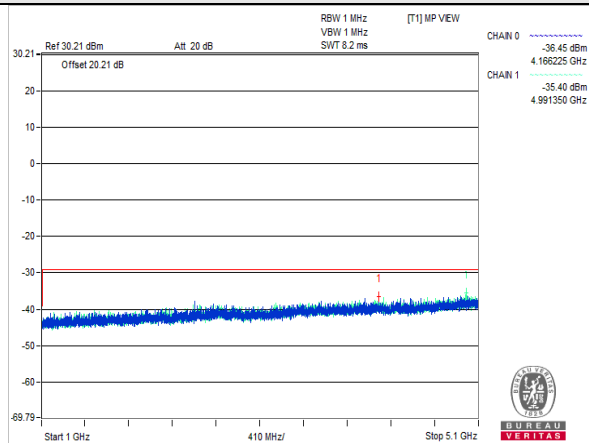
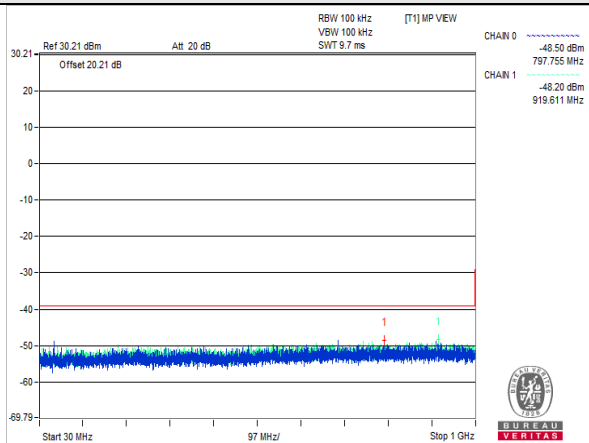
CH 54 (5270MHz)

Vnormal



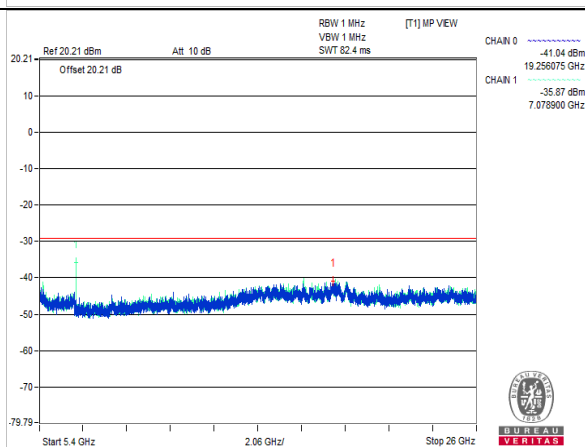
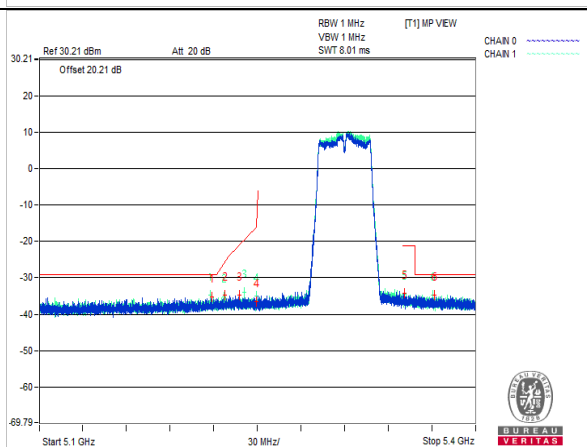
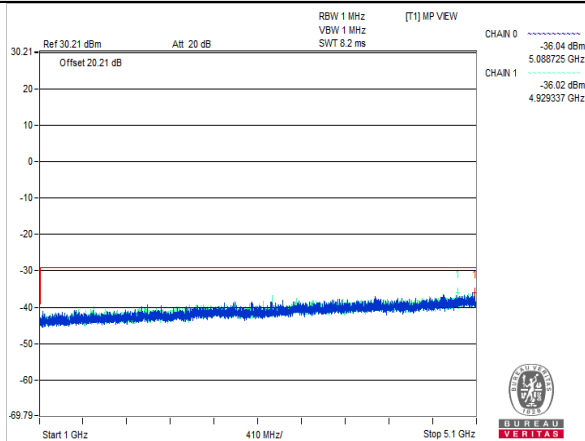
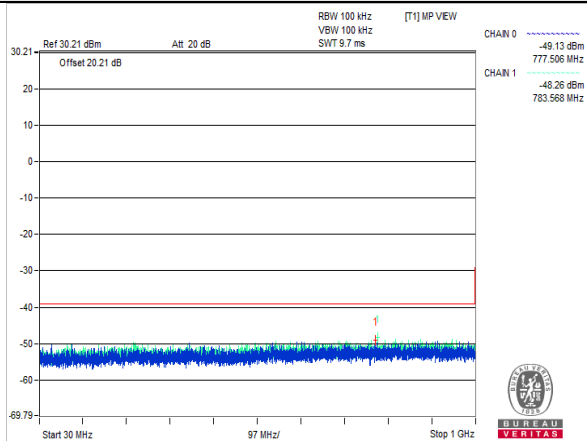
CH 62 (5310MHz)

V_{max}.



CH 62 (5310MHz)

V_{min}.



CH 62 (5310MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 54 (5270MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.031192	0.25	PASS
	1000.0 to 5100.0	0.520032	2.5	PASS
	5100.0 to 5221.6	0.683958	2.5	PASS
	5221.6 to 5230.0	0.648680	4.001558	PASS
	5230.0 to 5249.0	17.299358	50	PASS
	5249.0 to 5250.0	98.634760	500	PASS
	5350.0 to 5358.4	0.566278	15	PASS
	5358.4 to 5400.0	0.732876	2.5	PASS
	5400.0 to 26000.0	0.741362	2.5	PASS
V_{max.}	30.0 to 1000.0	0.028316	0.25	PASS
	1000.0 to 5100.0	0.494344	2.5	PASS
	5100.0 to 5221.6	0.618060	2.5	PASS
	5221.6 to 5230.0	0.644214	7.500866	PASS
	5230.0 to 5249.0	17.661598	50	PASS
	5249.0 to 5250.0	84.145326	500	PASS
	5350.0 to 5358.4	0.608178	15	PASS
	5358.4 to 5400.0	0.669930	2.5	PASS
	5400.0 to 26000.0	0.707994	2.5	PASS
	30.0 to 1000.0	0.034836	0.25	PASS
	1000.0 to 5100.0	0.529700	2.5	PASS
	5100.0 to 5221.6	0.656190	2.5	PASS
	5221.6 to 5230.0	0.674574	4.942032	PASS
	5230.0 to 5249.0	17.989952	48.859492	PASS
	5249.0 to 5250.0	79.988950	500	PASS
	5350.0 to 5358.4	0.687116	15	PASS
	5358.4 to 5400.0	0.629550	2.5	PASS
	5400.0 to 26000.0	0.726156	2.5	PASS
V_{min.}	30.0 to 1000.0	0.034836	0.25	PASS
	1000.0 to 5100.0	0.529700	2.5	PASS
	5100.0 to 5221.6	0.656190	2.5	PASS
	5221.6 to 5230.0	0.674574	4.942032	PASS
	5230.0 to 5249.0	17.989952	48.859492	PASS
	5249.0 to 5250.0	79.988950	500	PASS
	5350.0 to 5358.4	0.687116	15	PASS
	5358.4 to 5400.0	0.629550	2.5	PASS
	5400.0 to 26000.0	0.726156	2.5	PASS

TEST CHANNEL		CH 62 (5310MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.028056	0.25	PASS
	1000.0 to 5100.0	0.543288	2.5	PASS
	5100.0 to 5221.6	0.671476	2.5	PASS
	5221.6 to 5230.0	0.612392	2.81923	PASS
	5230.0 to 5249.0	0.843394	48.859492	PASS
	5249.0 to 5250.0	0.534602	420.697572	PASS
	5350.0 to 5358.4	0.889262	15	PASS
	5358.4 to 5400.0	0.711262	2.5	PASS
	5400.0 to 26000.0	0.518836	2.5	PASS
V_{max.}	30.0 to 1000.0	0.030272	0.25	PASS
	1000.0 to 5100.0	0.576806	2.5	PASS
	5100.0 to 5221.6	0.644214	2.5	PASS
	5221.6 to 5230.0	0.641254	3.358766	PASS
	5230.0 to 5249.0	0.734564	13.008048	PASS
	5249.0 to 5250.0	0.539548	52.962686	PASS
	5350.0 to 5358.4	0.682386	15	PASS
	5358.4 to 5400.0	0.729508	2.5	PASS
	5400.0 to 26000.0	0.567584	2.5	PASS
V_{min.}	30.0 to 1000.0	0.029856	0.25	PASS
	1000.0 to 5100.0	0.500070	2.5	PASS
	5100.0 to 5221.6	0.685536	2.5	PASS
	5221.6 to 5230.0	0.683958	5.478232	PASS
	5230.0 to 5249.0	0.783484	22.117622	PASS
	5249.0 to 5250.0	0.622344	105.674452	PASS
	5350.0 to 5358.4	0.736258	15	PASS
	5358.4 to 5400.0	0.687116	2.5	PASS
	5400.0 to 26000.0	0.517642	2.5	PASS

W56 Band:
802.11ac (VHT40)
Chain 0

TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	798.725	0.013062	0.625	PASS
	1000.0 to 5420.0	5405.635	0.291743	6.25	PASS
	5420.0 to 5460.0	5459.520	0.647143	6.25	PASS
	5460.0 to 5470.0	5469.875	0.690240	25	PASS
	5770.0 to 5800.0	5773.970	0.255270	6.25	PASS
	5800.0 to 26000.0	23565.900	0.084723	6.25	PASS
V_{max.}	30.0 to 1000.0	894.512	0.011776	0.625	PASS
	1000.0 to 5420.0	5394.032	0.351560	6.25	PASS
	5420.0 to 5460.0	5458.807	0.753356	6.25	PASS
	5460.0 to 5470.0	5469.115	0.574116	25	PASS
	5770.0 to 5800.0	5793.017	0.262422	6.25	PASS
	5800.0 to 26000.0	19871.825	0.107399	6.25	PASS
V_{min.}	30.0 to 1000.0	742.101	0.012331	0.625	PASS
	1000.0 to 5420.0	5223.310	0.266686	6.25	PASS
	5420.0 to 5460.0	5459.995	0.517607	6.25	PASS
	5460.0 to 5470.0	5460.565	0.636796	25	PASS
	5770.0 to 5800.0	5795.345	0.287078	6.25	PASS
	5800.0 to 26000.0	19447.625	0.090573	6.25	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	974.052	0.012190	0.625	PASS
	1000.0 to 5420.0	5361.987	0.273527	6.25	PASS
	5420.0 to 5460.0	5452.395	0.266073	6.25	PASS
	5460.0 to 5470.0	5460.802	0.273527	25	PASS
	5770.0 to 5800.0	5792.400	0.393550	6.25	PASS
	5800.0 to 26000.0	5812.625	0.190546	6.25	PASS
V_{max.}	30.0 to 1000.0	756.408	0.013709	0.625	PASS
	1000.0 to 5420.0	5364.197	0.276694	6.25	PASS
	5420.0 to 5460.0	5452.632	0.254683	6.25	PASS
	5460.0 to 5470.0	5467.927	0.273527	25	PASS
	5770.0 to 5800.0	5781.095	0.293765	6.25	PASS
	5800.0 to 26000.0	5812.625	0.169434	6.25	PASS
V_{min.}	30.0 to 1000.0	826.733	0.012735	0.625	PASS
	1000.0 to 5420.0	5363.645	0.295121	6.25	PASS
	5420.0 to 5460.0	5456.907	0.264850	6.25	PASS
	5460.0 to 5470.0	5461.705	0.258226	25	PASS
	5770.0 to 5800.0	5795.250	0.286418	6.25	PASS
	5800.0 to 26000.0	5812.625	0.153109	6.25	PASS

TEST CHANNEL		CH 134 (5670MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	770.837	0.012560	0.625	PASS
	1000.0 to 5420.0	5374.142	0.235505	6.25	PASS
	5420.0 to 5460.0	5441.612	0.368978	6.25	PASS
	5460.0 to 5470.0	5467.785	0.266073	25	PASS
	5770.0 to 5800.0	5784.847	0.367282	6.25	PASS
	5800.0 to 26000.0	5890.900	0.256448	6.25	PASS
V_{max.}	30.0 to 1000.0	941.436	0.014723	0.625	PASS
	1000.0 to 5420.0	5413.922	0.279254	6.25	PASS
	5420.0 to 5460.0	5445.887	0.331131	6.25	PASS
	5460.0 to 5470.0	5469.685	0.211349	25	PASS
	5770.0 to 5800.0	5794.917	0.436516	6.25	PASS
	5800.0 to 26000.0	5890.900	0.254683	6.25	PASS
V_{min.}	30.0 to 1000.0	987.511	0.012331	0.625	PASS
	1000.0 to 5420.0	4785.730	0.275423	6.25	PASS
	5420.0 to 5460.0	5442.277	0.313329	6.25	PASS
	5460.0 to 5470.0	5468.402	0.273527	25	PASS
	5770.0 to 5800.0	5775.347	0.372392	6.25	PASS
	5800.0 to 26000.0	5890.900	0.272898	6.25	PASS

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

Chain 1

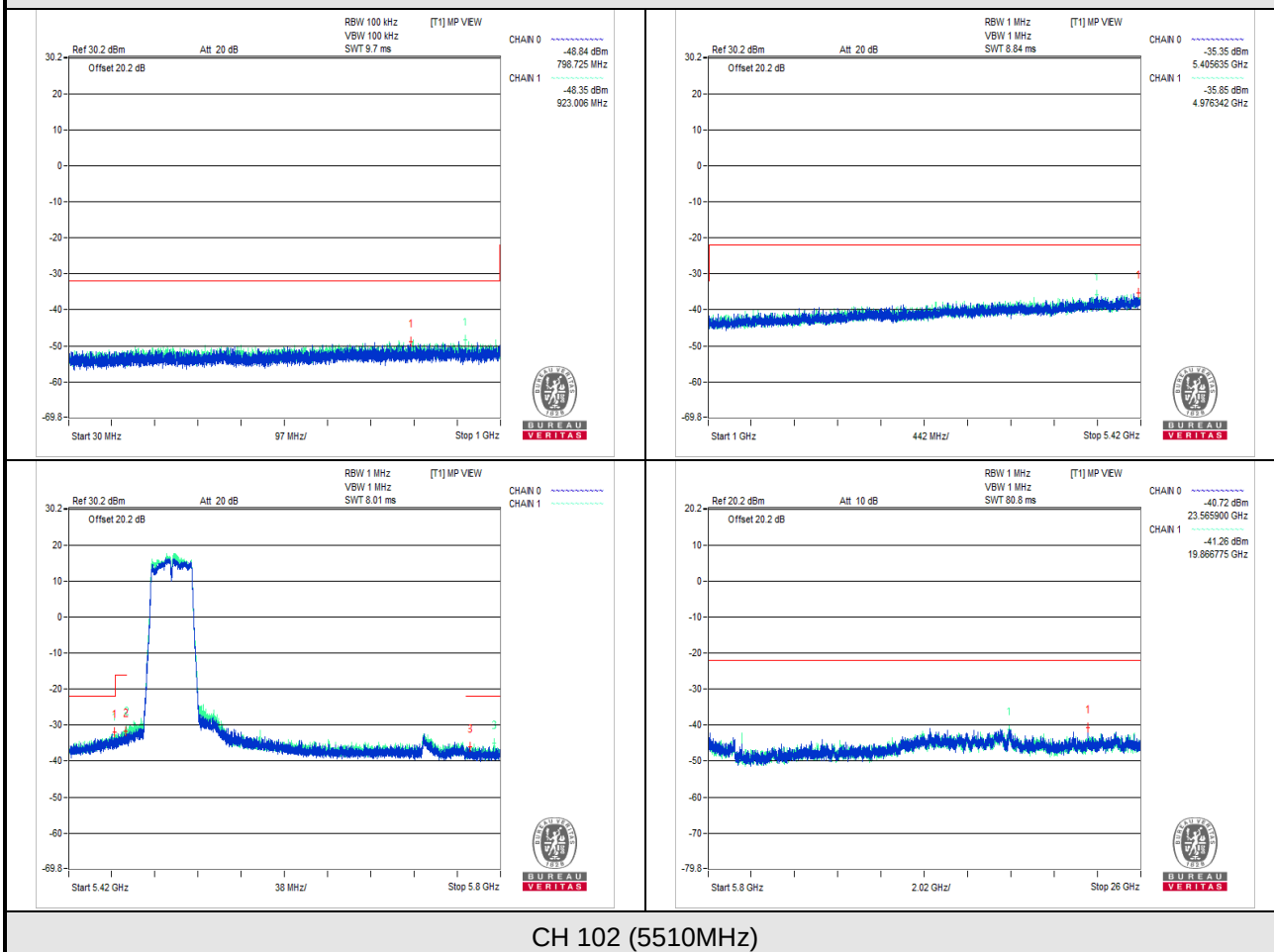
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	923.006	0.014622	0.625	PASS
	1000.0 to 5420.0	4976.342	0.260016	6.25	PASS
	5420.0 to 5460.0	5459.520	0.534564	6.25	PASS
	5460.0 to 5470.0	5469.922	0.753356	25	PASS
	5770.0 to 5800.0	5794.727	0.313329	6.25	PASS
	5800.0 to 26000.0	19866.775	0.074817	6.25	PASS
V_{max.}	30.0 to 1000.0	754.711	0.015031	0.625	PASS
	1000.0 to 5420.0	5403.425	0.274157	6.25	PASS
	5420.0 to 5460.0	5458.095	0.588844	6.25	PASS
	5460.0 to 5470.0	5467.595	0.924698	25	PASS
	5770.0 to 5800.0	5797.625	0.299226	6.25	PASS
	5800.0 to 26000.0	19495.600	0.081846	6.25	PASS
V_{min.}	30.0 to 1000.0	975.265	0.016331	0.625	PASS
	1000.0 to 5420.0	4951.480	0.303389	6.25	PASS
	5420.0 to 5460.0	5459.520	0.500035	6.25	PASS
	5460.0 to 5470.0	5468.450	0.918333	25	PASS
	5770.0 to 5800.0	5777.200	0.347536	6.25	PASS
	5800.0 to 26000.0	19159.775	0.077268	6.25	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	778.233	0.015812	0.625	PASS
	1000.0 to 5420.0	4810.040	0.314051	6.25	PASS
	5420.0 to 5460.0	5439.950	0.267917	6.25	PASS
	5460.0 to 5470.0	5464.317	0.287078	25	PASS
	5770.0 to 5800.0	5798.907	0.288403	6.25	PASS
	5800.0 to 26000.0	5812.625	0.203236	6.25	PASS
V_{max.}	30.0 to 1000.0	580.232	0.013213	0.625	PASS
	1000.0 to 5420.0	5365.302	0.390841	6.25	PASS
	5420.0 to 5460.0	5422.850	0.287740	6.25	PASS
	5460.0 to 5470.0	5462.750	0.277971	25	PASS
	5770.0 to 5800.0	5787.032	0.319890	6.25	PASS
	5800.0 to 26000.0	5810.100	0.221309	6.25	PASS
V_{min.}	30.0 to 1000.0	613.333	0.017989	0.625	PASS
	1000.0 to 5420.0	5366.407	0.267301	6.25	PASS
	5420.0 to 5460.0	5455.055	0.322107	6.25	PASS
	5460.0 to 5470.0	5466.122	0.269774	25	PASS
	5770.0 to 5800.0	5783.802	0.276058	6.25	PASS
	5800.0 to 26000.0	5812.625	0.158489	6.25	PASS

TEST CHANNEL		CH 134 (5670MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	850.256	0.015241	0.625	PASS
	1000.0 to 5420.0	5327.180	0.310456	6.25	PASS
	5420.0 to 5460.0	5447.787	0.323594	6.25	PASS
	5460.0 to 5470.0	5468.592	0.309030	25	PASS
	5770.0 to 5800.0	5780.952	0.334965	6.25	PASS
	5800.0 to 26000.0	5893.425	0.265461	6.25	PASS
V_{max.}	30.0 to 1000.0	885.055	0.012853	0.625	PASS
	1000.0 to 5420.0	5348.727	0.290402	6.25	PASS
	5420.0 to 5460.0	5446.410	0.363078	6.25	PASS
	5460.0 to 5470.0	5469.352	0.261216	25	PASS
	5770.0 to 5800.0	5770.000	0.311172	6.25	PASS
	5800.0 to 26000.0	5893.425	0.242661	6.25	PASS
V_{min.}	30.0 to 1000.0	548.707	0.012764	0.625	PASS
	1000.0 to 5420.0	5366.960	0.275423	6.25	PASS
	5420.0 to 5460.0	5447.645	0.348337	6.25	PASS
	5460.0 to 5470.0	5464.887	0.254097	25	PASS
	5770.0 to 5800.0	5783.042	0.381944	6.25	PASS
	5800.0 to 26000.0	5890.900	0.296483	6.25	PASS

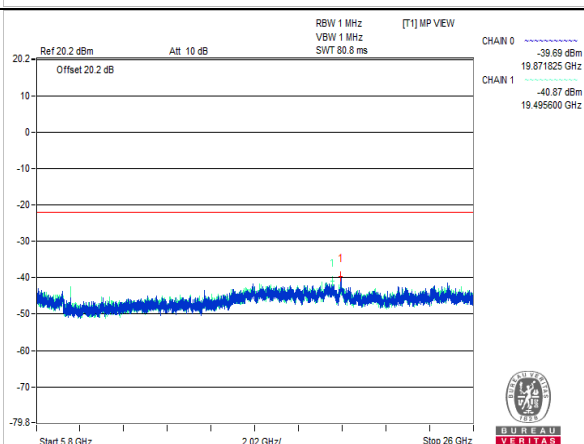
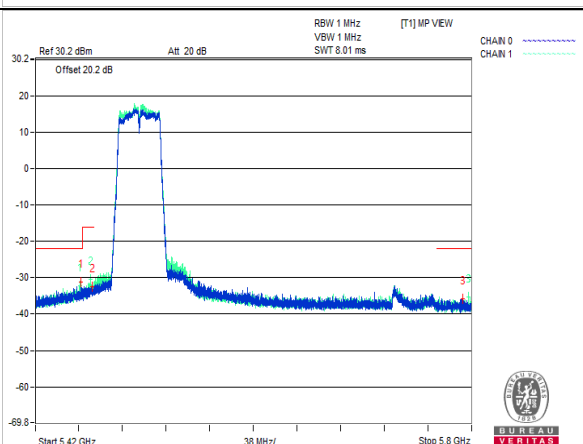
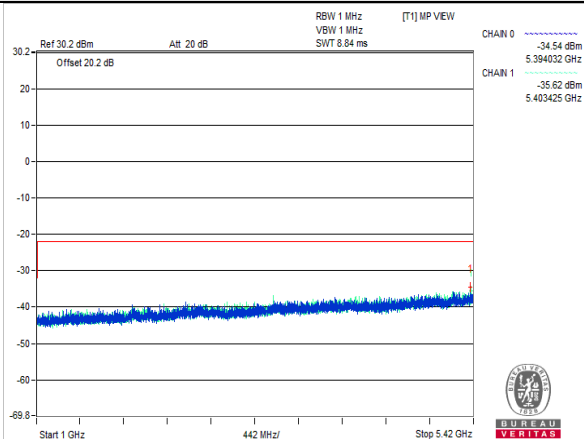
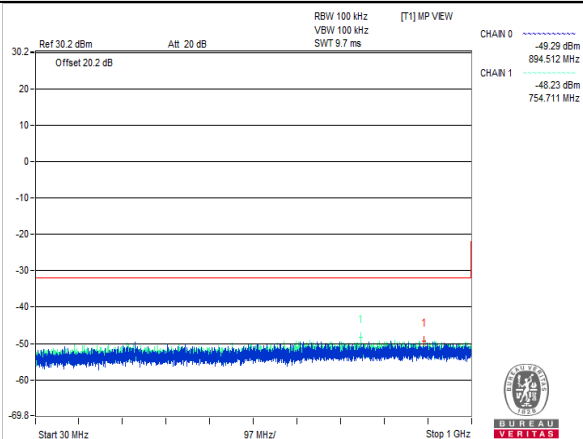
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

Vnormal

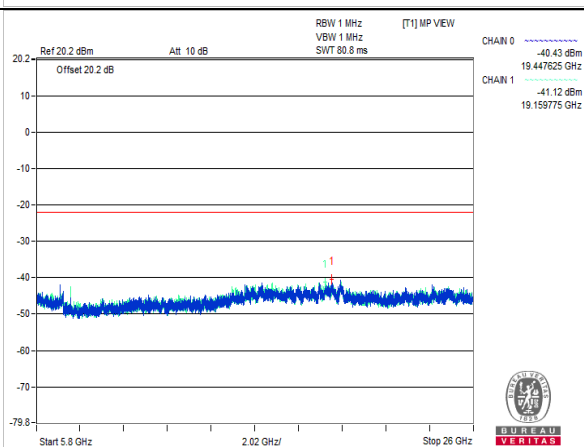
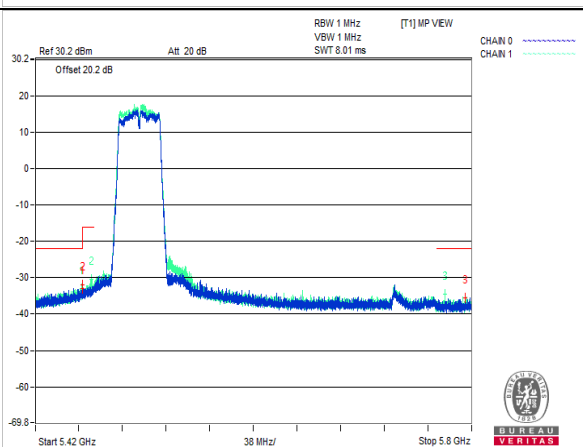
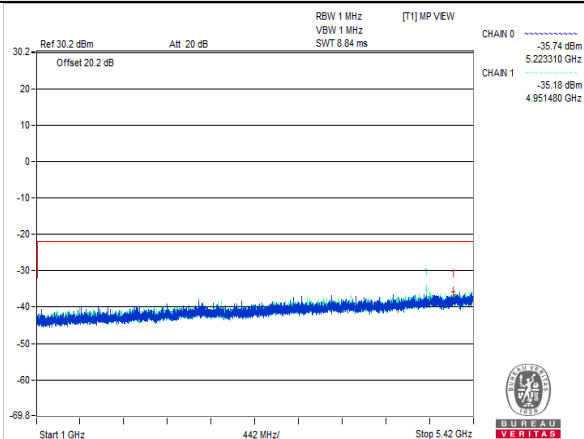
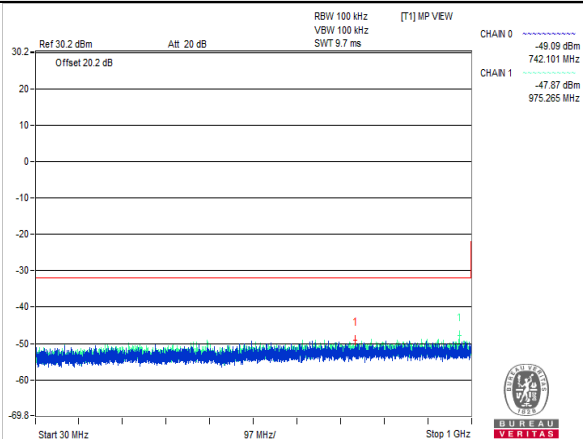


V_{max}.



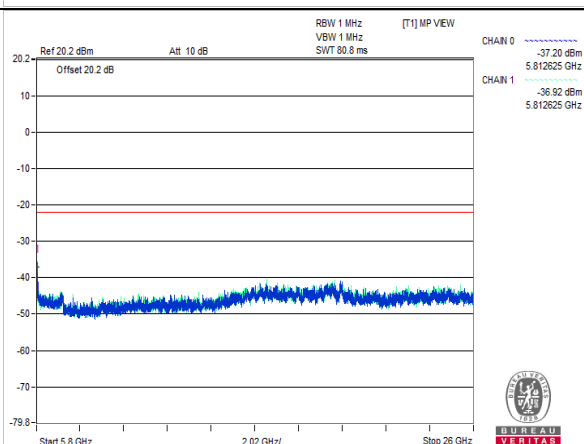
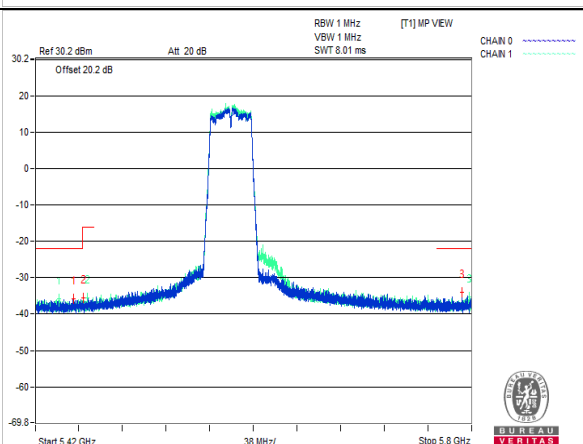
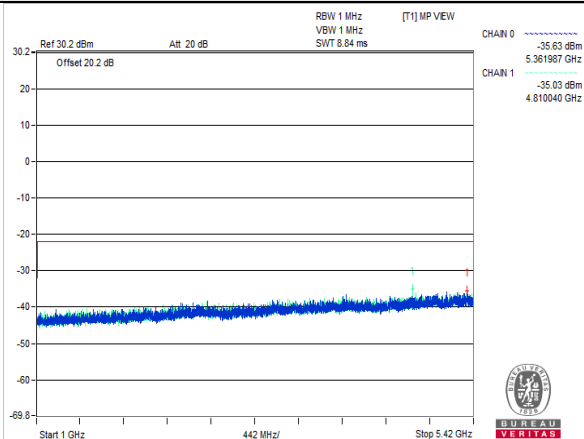
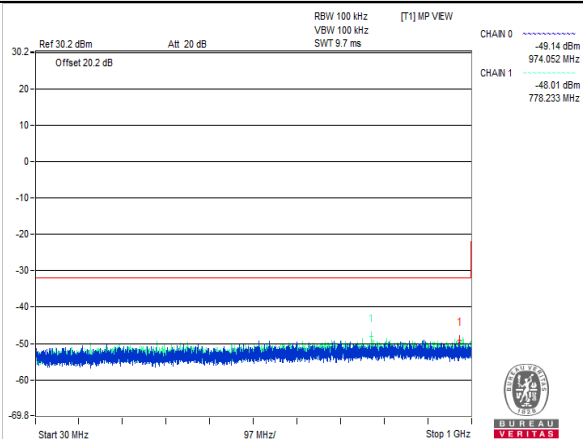
CH 102 (5510MHz)

V_{min}.



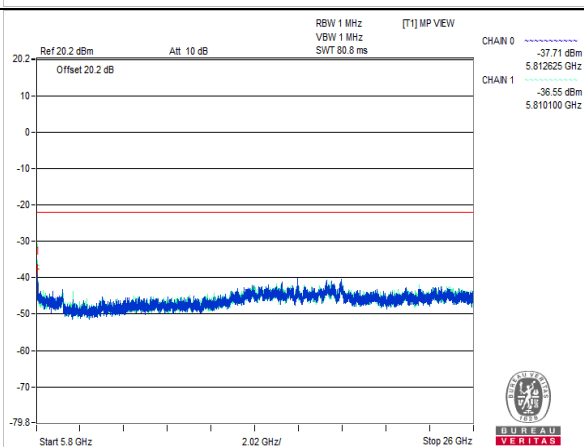
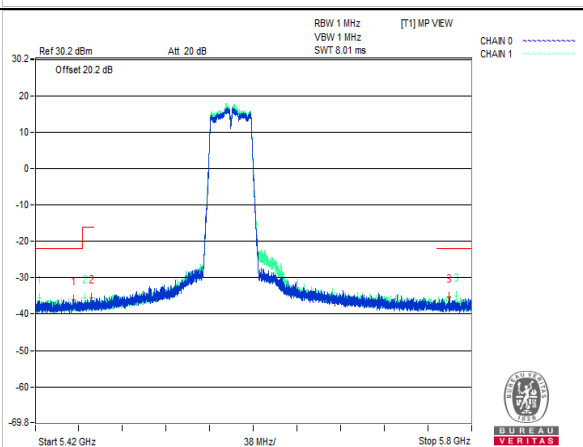
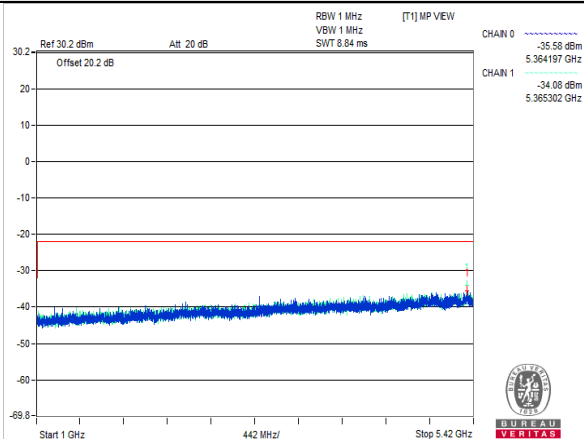
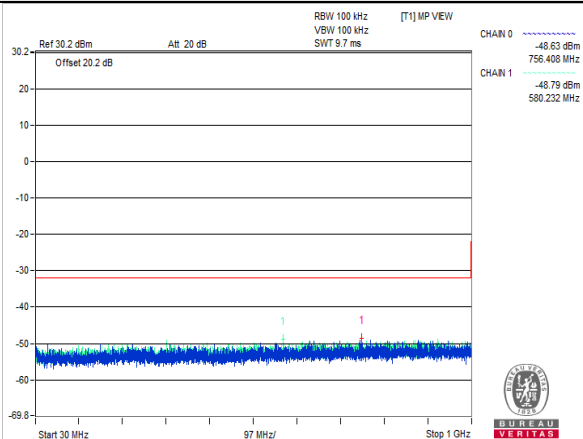
CH 102 (5510MHz)

Vnormal



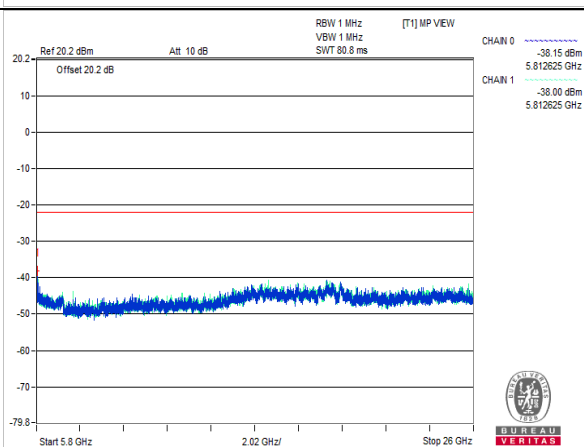
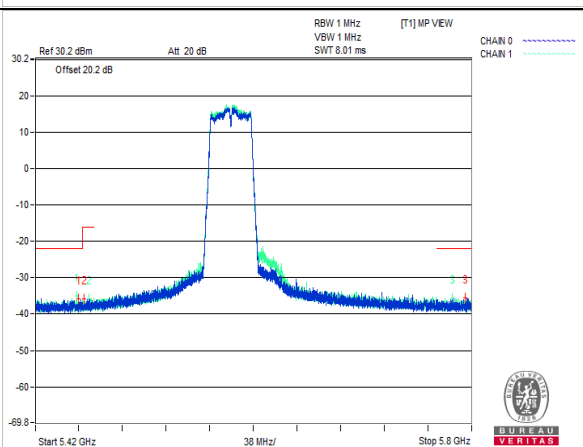
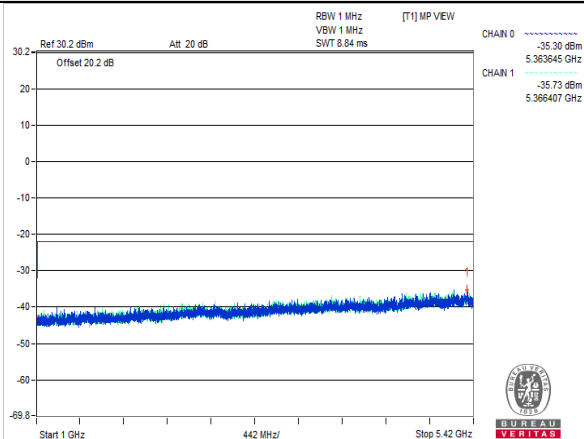
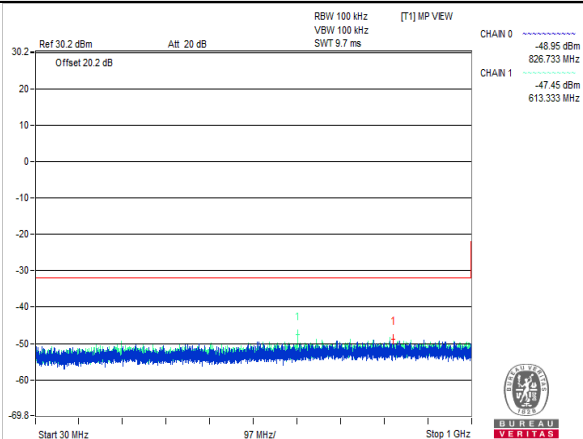
CH 118 (5590MHz)

V_{max}.



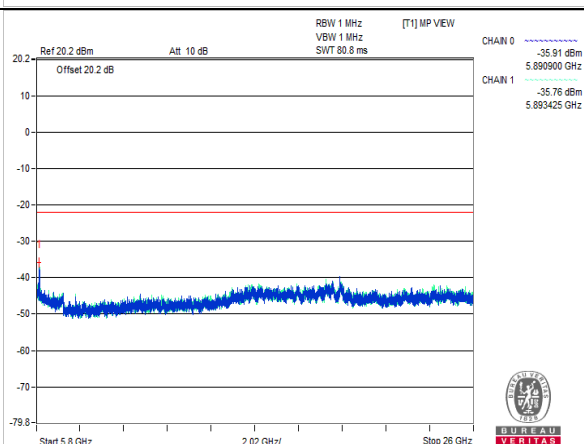
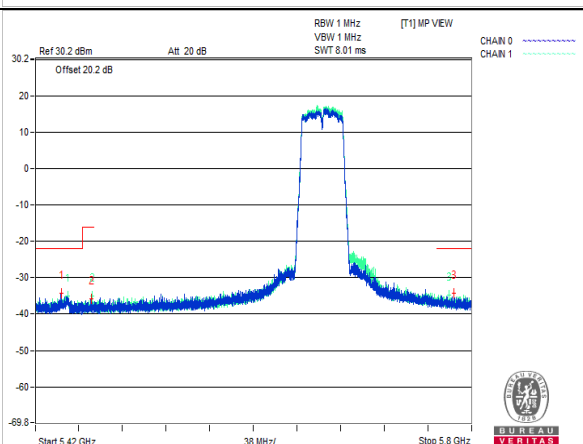
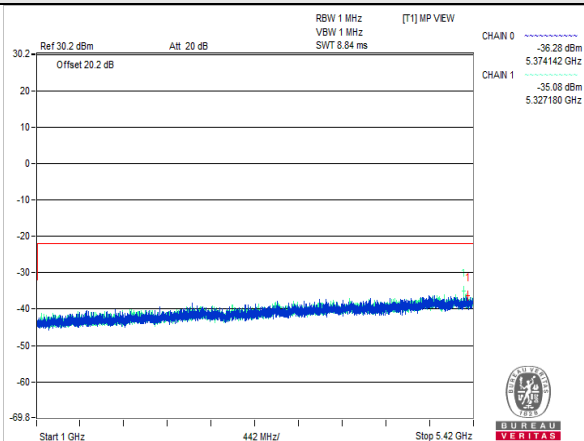
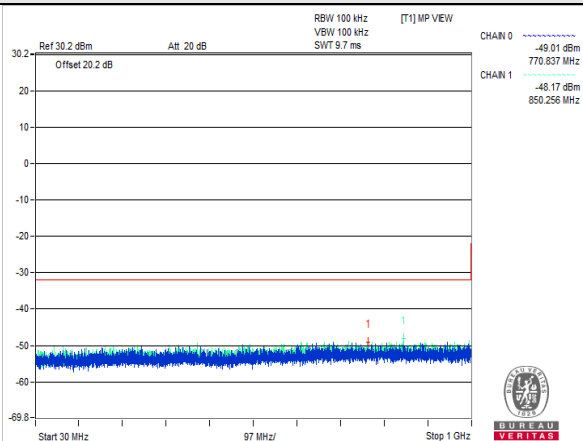
CH 118 (5590MHz)

V_{min}.



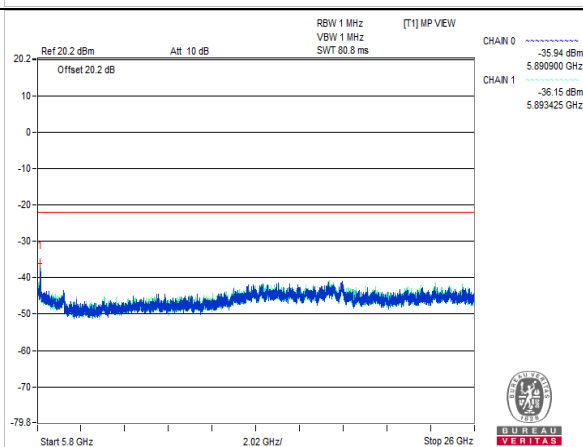
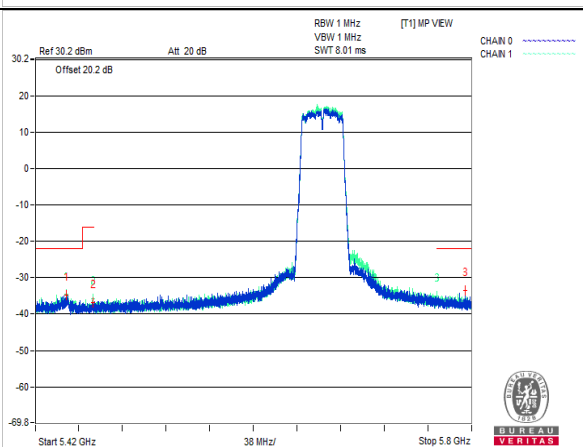
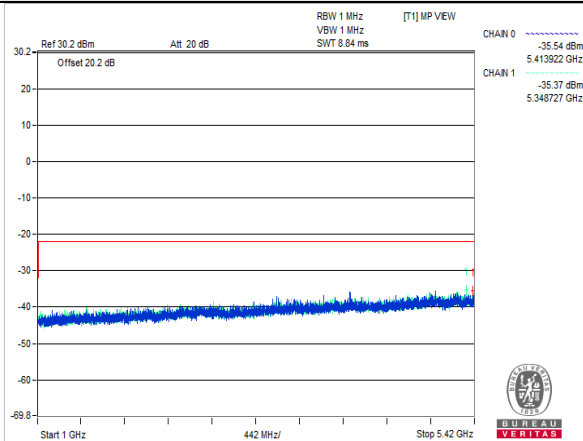
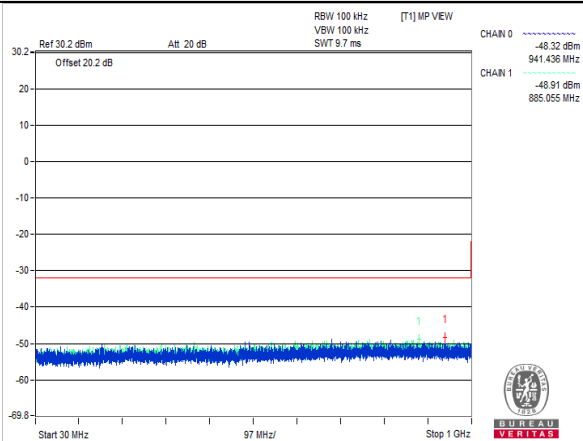
CH 118 (5590MHz)

Vnormal



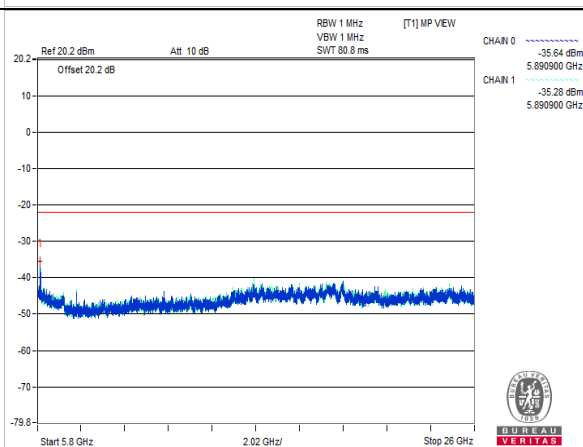
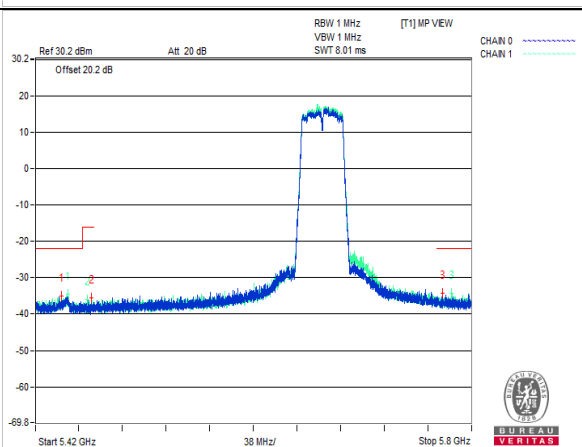
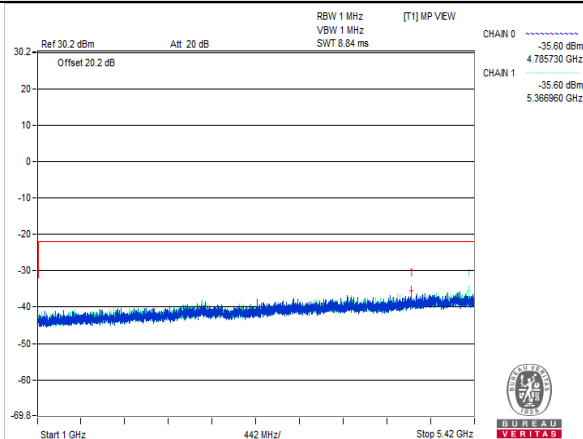
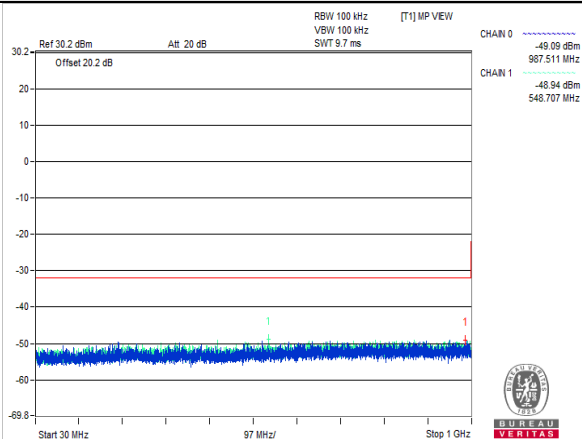
CH 134 (5670MHz)

V_{max}.



CH 134 (5670MHz)

V_{min}.



CH 134 (5670MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 102 (5510MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.029244	1.25	PASS
	1000.0 to 5420.0	0.583486	12.5	PASS
	5420.0 to 5460.0	1.294286	12.5	PASS
	5460.0 to 5470.0	1.506712	50	PASS
	5770.0 to 5800.0	0.626658	12.5	PASS
	5800.0 to 26000.0	0.169446	12.5	PASS
V_{max.}	30.0 to 1000.0	0.030062	1.25	PASS
	1000.0 to 5420.0	0.703120	12.5	PASS
	5420.0 to 5460.0	1.506712	12.5	PASS
	5460.0 to 5470.0	1.849396	50	PASS
	5770.0 to 5800.0	0.598452	12.5	PASS
	5800.0 to 26000.0	0.214798	12.5	PASS
V_{min.}	30.0 to 1000.0	0.032662	1.25	PASS
	1000.0 to 5420.0	0.606778	12.5	PASS
	5420.0 to 5460.0	1.035214	12.5	PASS
	5460.0 to 5470.0	1.836666	50	PASS
	5770.0 to 5800.0	0.695072	12.5	PASS
	5800.0 to 26000.0	0.181146	12.5	PASS
TEST CHANNEL		CH 118 (5590MHz)		
V_{normal}	30.0 to 1000.0	0.031624	1.25	PASS
	1000.0 to 5420.0	0.628102	12.5	PASS
	5420.0 to 5460.0	0.535834	12.5	PASS
	5460.0 to 5470.0	0.574156	50	PASS
	5770.0 to 5800.0	0.787100	12.5	PASS
	5800.0 to 26000.0	0.406472	12.5	PASS
V_{max.}	30.0 to 1000.0	0.027418	1.25	PASS
	1000.0 to 5420.0	0.781682	12.5	PASS
	5420.0 to 5460.0	0.575480	12.5	PASS
	5460.0 to 5470.0	0.555942	50	PASS
	5770.0 to 5800.0	0.639780	12.5	PASS
	5800.0 to 26000.0	0.442618	12.5	PASS
V_{min.}	30.0 to 1000.0	0.035978	1.25	PASS
	1000.0 to 5420.0	0.590242	12.5	PASS
	5420.0 to 5460.0	0.644214	12.5	PASS
	5460.0 to 5470.0	0.539548	50	PASS
	5770.0 to 5800.0	0.572836	12.5	PASS
	5800.0 to 26000.0	0.316978	12.5	PASS

TEST CHANNEL		CH 134 (5670MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.030482	1.25	PASS
	1000.0 to 5420.0	0.620912	12.5	PASS
	5420.0 to 5460.0	0.737956	12.5	PASS
	5460.0 to 5470.0	0.618060	50	PASS
	5770.0 to 5800.0	0.734564	12.5	PASS
	5800.0 to 26000.0	0.530922	12.5	PASS
V_{max.}	30.0 to 1000.0	0.029446	1.25	PASS
	1000.0 to 5420.0	0.580804	12.5	PASS
	5420.0 to 5460.0	0.726156	12.5	PASS
	5460.0 to 5470.0	0.522432	50	PASS
	5770.0 to 5800.0	0.873032	12.5	PASS
	5800.0 to 26000.0	0.509366	12.5	PASS
V_{min.}	30.0 to 1000.0	0.025528	1.25	PASS
	1000.0 to 5420.0	0.550846	12.5	PASS
	5420.0 to 5460.0	0.696674	12.5	PASS
	5460.0 to 5470.0	0.547054	50	PASS
	5770.0 to 5800.0	0.763888	12.5	PASS
	5800.0 to 26000.0	0.592966	12.5	PASS

W52 Band:
802.11ac (VHT80)
Chain 0

TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	549.556	0.012503	0.125	PASS
	1000.0 to 5020.0	4294.390	0.185353	1.25	PASS
	5020.0 to 5123.2	5031.270	0.239332	1.25	PASS
	5123.2 to 5150.0	5128.387	0.226464	7.5	PASS
	5250.0 to 5251.0	5250.115	7.585776	95.920186	PASS
	5251.0 to 5290.0	5251.150	4.655861	12.411752	PASS
	5290.0 to 5296.7	5296.460	0.357273	1.270791	PASS
	5296.7 to 5480.0	5299.335	0.269153	1.25	PASS
	5480.0 to 26000.0	6944.615	0.083946	1.25	PASS
V_{max.}	30.0 to 1000.0	704.877	0.012764	0.125	PASS
	1000.0 to 5020.0	5012.965	0.178238	1.25	PASS
	5020.0 to 5123.2	5036.042	0.236048	1.25	PASS
	5123.2 to 5150.0	5140.922	0.206063	7.5	PASS
	5250.0 to 5251.0	5250.057	9.749896	109.625103	PASS
	5251.0 to 5290.0	5251.035	4.549881	12.479353	PASS
	5290.0 to 5296.7	5296.700	0.179061	1.25	PASS
	5296.7 to 5480.0	5376.385	0.252930	1.25	PASS
	5480.0 to 26000.0	6944.615	0.099770	1.25	PASS
V_{min.}	30.0 to 1000.0	521.426	0.011482	0.125	PASS
	1000.0 to 5020.0	4887.842	0.189234	1.25	PASS
	5020.0 to 5123.2	5079.340	0.248313	1.25	PASS
	5123.2 to 5150.0	5143.510	0.217270	7.5	PASS
	5250.0 to 5251.0	5250.115	7.834296	95.920186	PASS
	5251.0 to 5290.0	5251.035	4.897788	12.479353	PASS
	5290.0 to 5296.7	5291.860	0.248886	1.743362	PASS
	5296.7 to 5480.0	5380.007	0.293089	1.25	PASS
	5480.0 to 26000.0	6947.180	0.076736	1.25	PASS

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

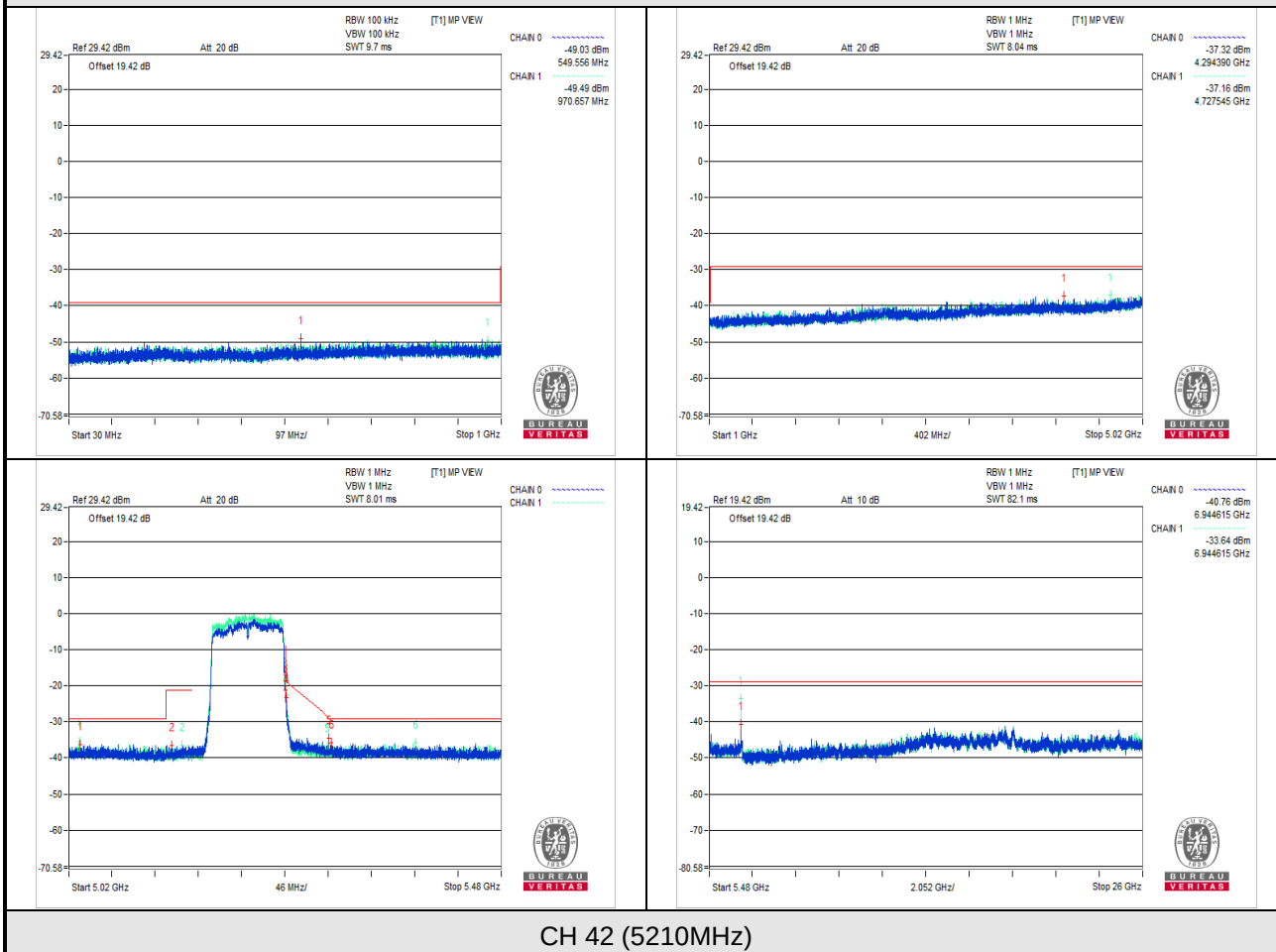
Chain 1

TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	970.657	0.011246	0.125	PASS
	1000.0 to 5020.0	4727.545	0.192309	1.25	PASS
	5020.0 to 5123.2	5030.465	0.280543	1.25	PASS
	5123.2 to 5150.0	5139.657	0.217270	7.5	PASS
	5250.0 to 5251.0	5250.057	13.152248	109.625103	PASS
	5251.0 to 5290.0	5251.322	5.164164	12.311328	PASS
	5290.0 to 5296.7	5295.367	0.205589	1.369938	PASS
	5296.7 to 5480.0	5389.035	0.259418	1.25	PASS
	5480.0 to 26000.0	6944.615	0.432514	1.25	PASS
V_{max.}	30.0 to 1000.0	664.986	0.011298	0.125	PASS
	1000.0 to 5020.0	4977.790	0.193197	1.25	PASS
	5020.0 to 5123.2	5030.235	0.295121	1.25	PASS
	5123.2 to 5150.0	5148.455	0.207014	7.5	PASS
	5250.0 to 5251.0	5250.172	12.912193	84.122082	PASS
	5251.0 to 5290.0	5251.322	4.560369	12.311328	PASS
	5290.0 to 5296.7	5293.412	0.202302	1.566965	PASS
	5296.7 to 5480.0	5355.282	0.270396	1.25	PASS
	5480.0 to 26000.0	6944.615	0.457088	1.25	PASS
V_{min.}	30.0 to 1000.0	692.752	0.014723	0.125	PASS
	1000.0 to 5020.0	4704.430	0.207491	1.25	PASS
	5020.0 to 5123.2	5044.495	0.232274	1.25	PASS
	5123.2 to 5150.0	5149.605	0.234423	7.5	PASS
	5250.0 to 5251.0	5250.057	18.238957	109.625103	PASS
	5251.0 to 5290.0	5251.000	4.819478	12.5	PASS
	5290.0 to 5296.7	5292.665	0.218273	1.649521	PASS
	5296.7 to 5480.0	5368.105	0.258226	1.25	PASS
	5480.0 to 26000.0	6944.615	0.477529	1.25	PASS

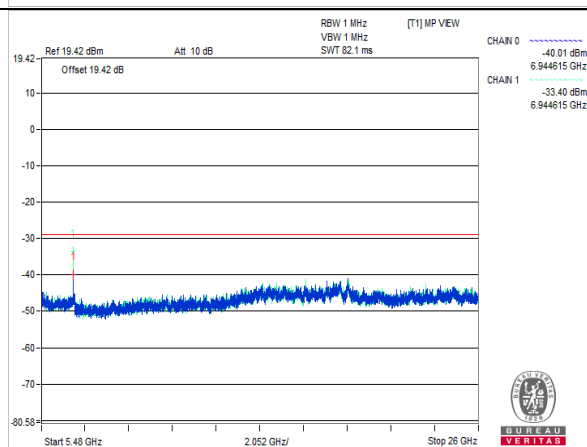
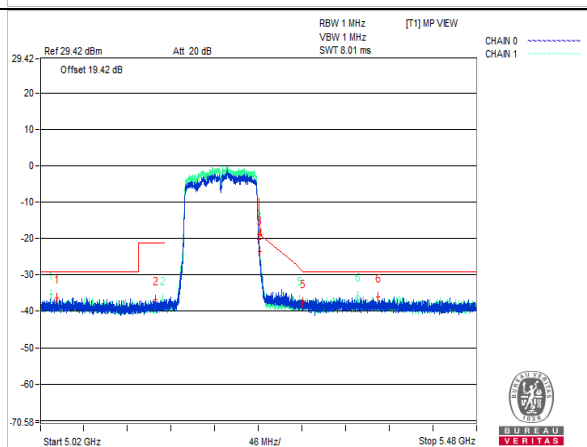
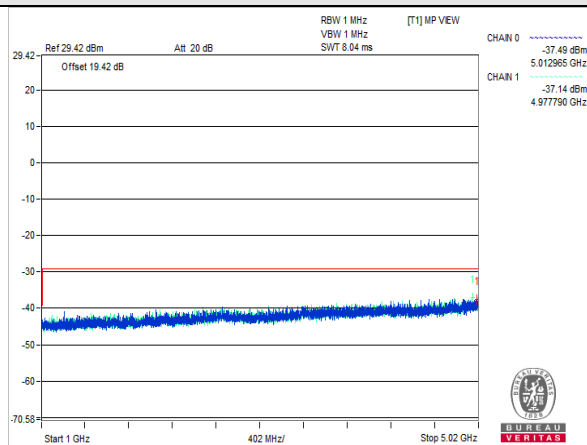
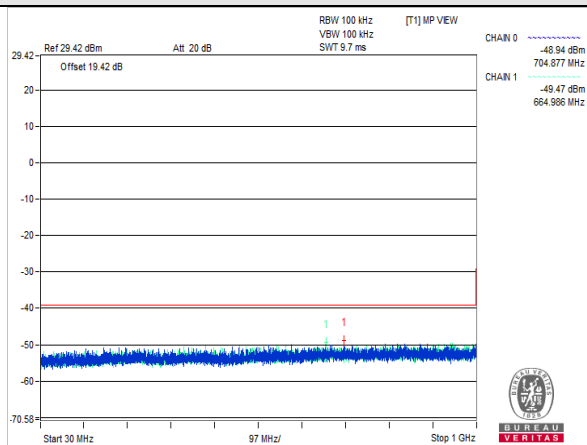
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

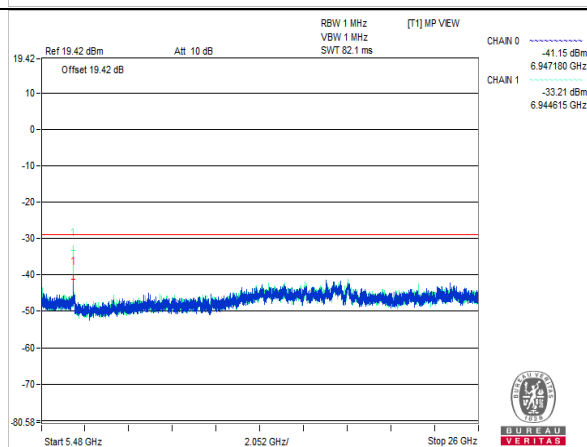
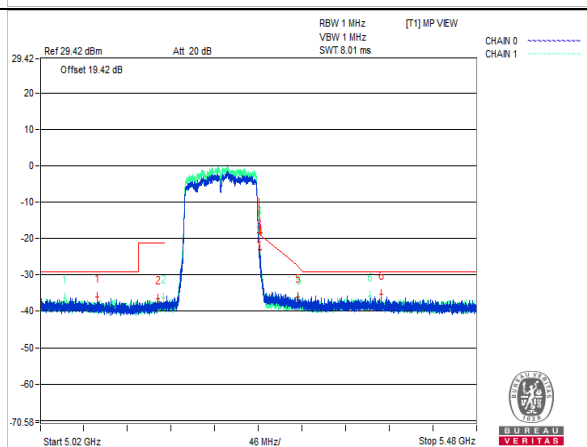
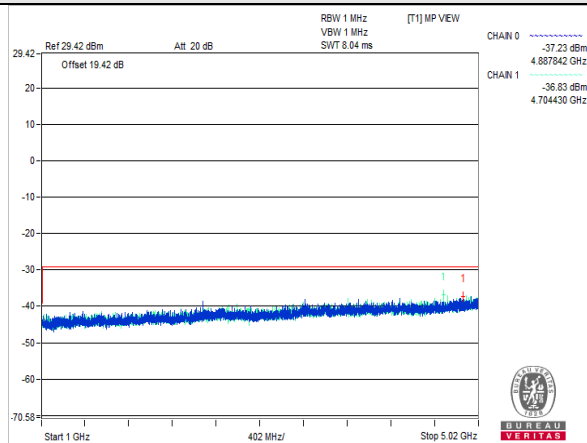
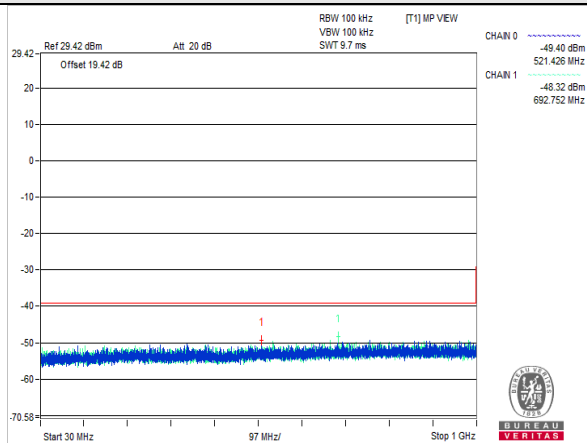


V_{max}.



CH 42 (5210MHz)

V_{min}.



CH 42 (5210MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 42 (5210MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.025006	0.25	PASS
	1000.0 to 5020.0	0.384618	2.5	PASS
	5020.0 to 5123.2	0.561086	2.5	PASS
	5123.2 to 5150.0	0.452928	15	PASS
	5250.0 to 5251.0	26.304496	219.250206	PASS
	5251.0 to 5290.0	10.328328	24.622656	PASS
	5290.0 to 5296.7	0.714546	2.541582	PASS
	5296.7 to 5480.0	0.538306	2.5	PASS
	5480.0 to 26000.0	0.865028	2.5	PASS
V_{max.}	30.0 to 1000.0	0.025528	0.25	PASS
	1000.0 to 5020.0	0.386394	2.5	PASS
	5020.0 to 5123.2	0.590242	2.5	PASS
	5123.2 to 5150.0	0.414028	15	PASS
	5250.0 to 5251.0	25.824386	168.244164	PASS
	5251.0 to 5290.0	9.120738	24.622656	PASS
	5290.0 to 5296.7	0.404604	3.13393	PASS
	5296.7 to 5480.0	0.540792	2.5	PASS
	5480.0 to 26000.0	0.914176	2.5	PASS
	30.0 to 1000.0	0.029446	0.25	PASS
V_{min.}	1000.0 to 5020.0	0.414982	2.5	PASS
	5020.0 to 5123.2	0.496626	2.5	PASS
	5123.2 to 5150.0	0.468846	15	PASS
	5250.0 to 5251.0	36.477914	219.250206	PASS
	5251.0 to 5290.0	9.795576	24.958706	PASS
	5290.0 to 5296.7	0.497772	3.486724	PASS
	5296.7 to 5480.0	0.586178	2.5	PASS
	5480.0 to 26000.0	0.955058	2.5	PASS

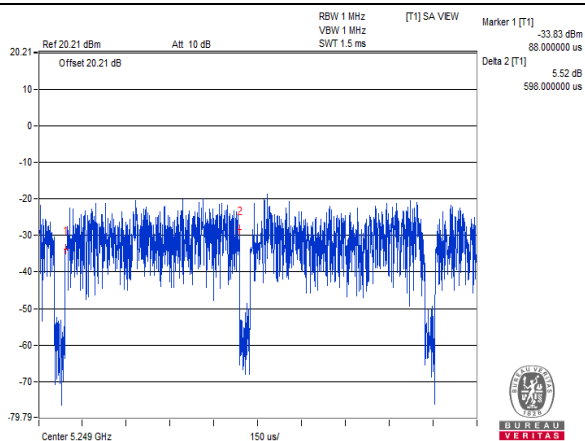
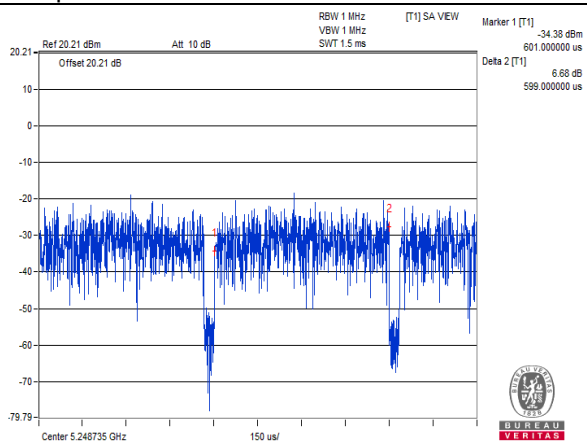
W53 Band:
802.11ac (VHT80)
Chain 0

TEST CHANNEL		CH 58 (5290MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	846.133	0.013366	0.125	PASS
	1000.0 to 5020.0	4961.207	0.202768	1.25	PASS
	5020.0 to 5203.3	5156.620	0.291072	1.25	PASS
	5203.3 to 5210.0	5206.415	0.279254	1.548443	PASS
	5210.0 to 5249.0	5248.735	1.066850	12.344517	PASS(1)
	5249.0 to 5250.0	5249.942	47.863009	109.372972	PASS
	5350.0 to 5376.8	5358.790	0.522396	7.5	PASS
	5376.8 to 5480.0	5389.552	0.345939	1.25	PASS
	5480.0 to 26000.0	19210.445	0.089125	1.25	PASS
V_{max.}	30.0 to 1000.0	857.046	0.014355	0.125	PASS
	1000.0 to 5020.0	4967.740	0.246604	1.25	PASS
	5020.0 to 5203.3	5054.500	0.301995	1.25	PASS
	5203.3 to 5210.0	5204.632	0.328095	1.369844	PASS
	5210.0 to 5249.0	5249.000	1.307418	12.5	PASS(2)
	5249.0 to 5250.0	5249.942	39.264494	109.372972	PASS
	5350.0 to 5376.8	5356.490	0.523600	7.5	PASS
	5376.8 to 5480.0	5386.160	0.367282	1.25	PASS
	5480.0 to 26000.0	19890.170	0.089536	1.25	PASS
V_{min.}	30.0 to 1000.0	731.431	0.014060	0.125	PASS
	1000.0 to 5020.0	5020.000	0.260615	1.25	PASS
	5020.0 to 5203.3	5030.062	0.297167	1.25	PASS
	5203.3 to 5210.0	5204.977	0.337287	1.402716	PASS
	5210.0 to 5249.0	5249.000	1.279666	12.5	PASS(3)
	5249.0 to 5250.0	5250.000	41.879357	125	PASS
	5350.0 to 5376.8	5353.902	0.564937	7.5	PASS
	5376.8 to 5480.0	5380.352	0.319154	1.25	PASS
	5480.0 to 26000.0	19877.345	0.095280	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.
2. (No.): The value was tested under Measuring Mode *Zero Span.

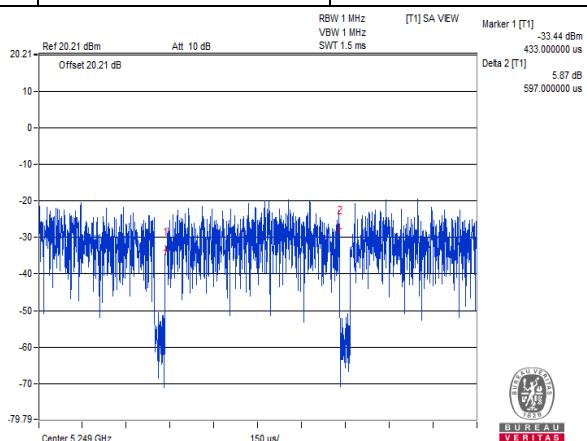
Measuring Mode *Zero Span

1. Set the spectrum analyzer as below and it takes in a value of all data point.
2. Regarding the all data value, it transforms the “dBm” value into “uW” value.
3. It adds the all values and calculates a grand total. Define a grand total as “P”.
4. It divides “P” by sample data point (ex.501) and calculates the mean value.
5. It reports the mean value.



1 5248.735MHz P = 1.06685uW

2 5249.000MHz P = 1.307418uW



3 5249.000MHz P = 1.279666uW

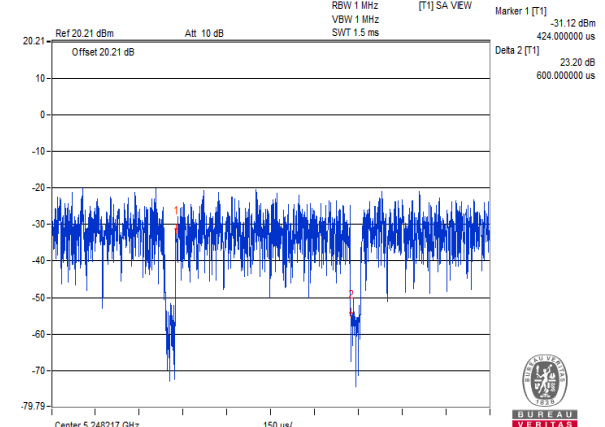
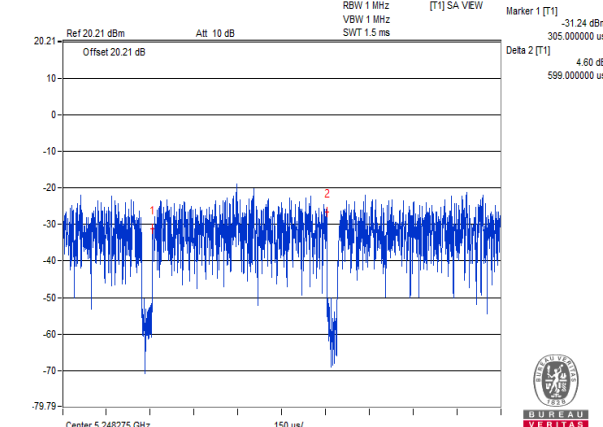
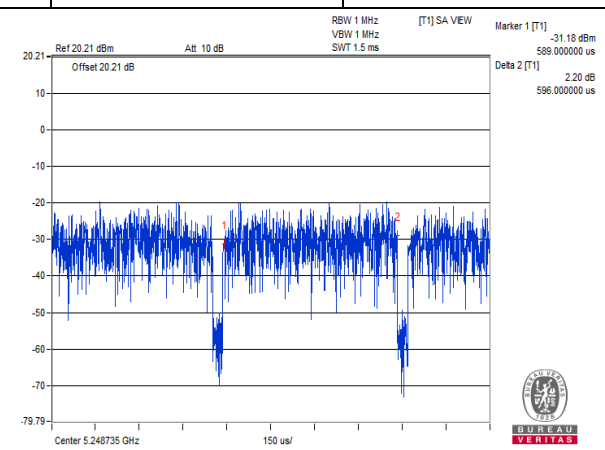
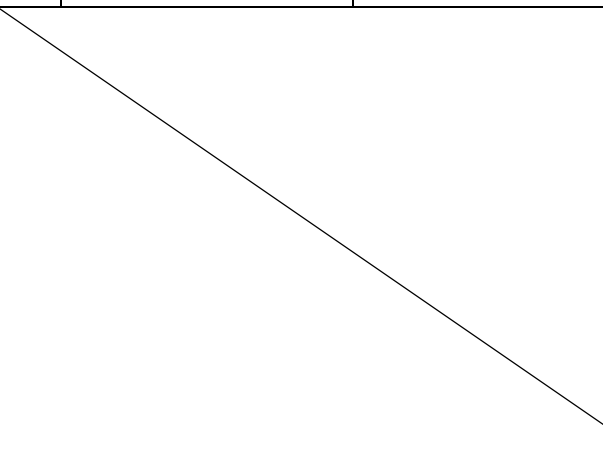
Chain 1

TEST CHANNEL		CH 58 (5290MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	899.362	0.015241	0.125	PASS
	1000.0 to 5020.0	4872.265	0.271644	1.25	PASS
	5020.0 to 5203.3	5191.637	0.277332	1.25	PASS
	5203.3 to 5210.0	5204.172	0.319154	1.327211	PASS
	5210.0 to 5249.0	5248.217	0.943093	12.046156	PASS(1)
	5249.0 to 5250.0	5250.000	37.583740	125	PASS
	5350.0 to 5376.8	5367.587	0.435512	7.5	PASS
	5376.8 to 5480.0	5420.717	0.345144	1.25	PASS
	5480.0 to 26000.0	7052.345	0.316957	1.25	PASS
V_{max.}	30.0 to 1000.0	836.797	0.013183	0.125	PASS
	1000.0 to 5020.0	4897.892	0.235505	1.25	PASS
	5020.0 to 5203.3	5025.922	0.336512	1.25	PASS
	5203.3 to 5210.0	5204.862	0.282488	1.391672	PASS
	5210.0 to 5249.0	5248.275	1.057079	12.079201	PASS(2)
	5249.0 to 5250.0	5250.000	45.498806	125	PASS
	5350.0 to 5376.8	5353.385	0.454988	7.5	PASS
	5376.8 to 5480.0	5379.605	0.360579	1.25	PASS
	5480.0 to 26000.0	7052.345	0.297852	1.25	PASS
V_{min.}	30.0 to 1000.0	868.565	0.018450	0.125	PASS
	1000.0 to 5020.0	4943.620	0.248313	1.25	PASS
	5020.0 to 5203.3	5196.870	0.304089	1.25	PASS
	5203.3 to 5210.0	5206.875	0.354813	1.598183	PASS
	5210.0 to 5249.0	5248.735	1.374223	12.344517	PASS(3)
	5249.0 to 5250.0	5250.000	42.169650	125	PASS
	5350.0 to 5376.8	5361.837	0.444631	7.5	PASS
	5376.8 to 5480.0	5385.125	0.467735	1.25	PASS
	5480.0 to 26000.0	7052.345	0.306902	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.
 2. (No.): The value was tested under Measuring Mode *Zero Span.

Measuring Mode *Zero Span

1. Set the spectrum analyzer as below and it takes in a value of all data point.
2. Regarding the all data value, it transforms the "dBm" value into "uW" value.
3. It adds the all values and calculates a grand total. Define a grand total as "P".
4. It divides "P" by sample data point (ex.501) and calculates the mean value.
5. It reports the mean value.

					
1	5248.217MHz	P = 0.943093uW	2	5248.275MHz	P = 1.057079uW
					
3	5248.735MHz	P = 1.374223uW			

Graph

Vnormal

