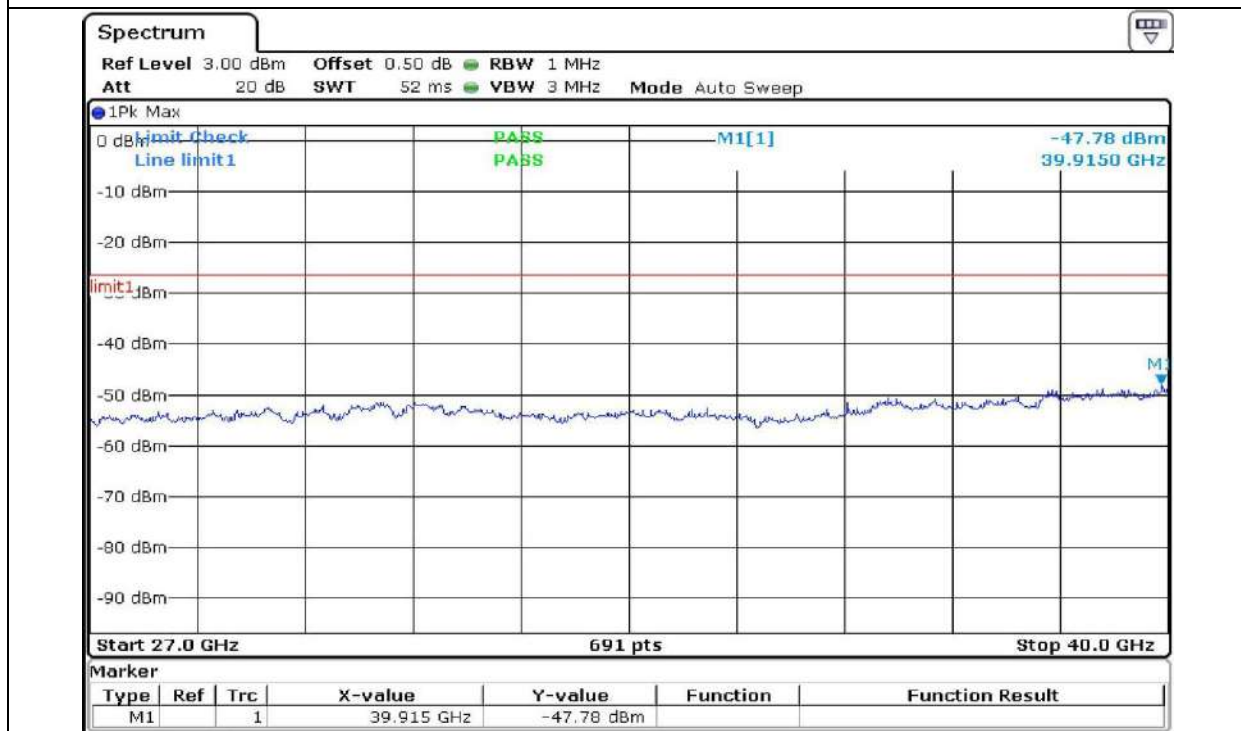
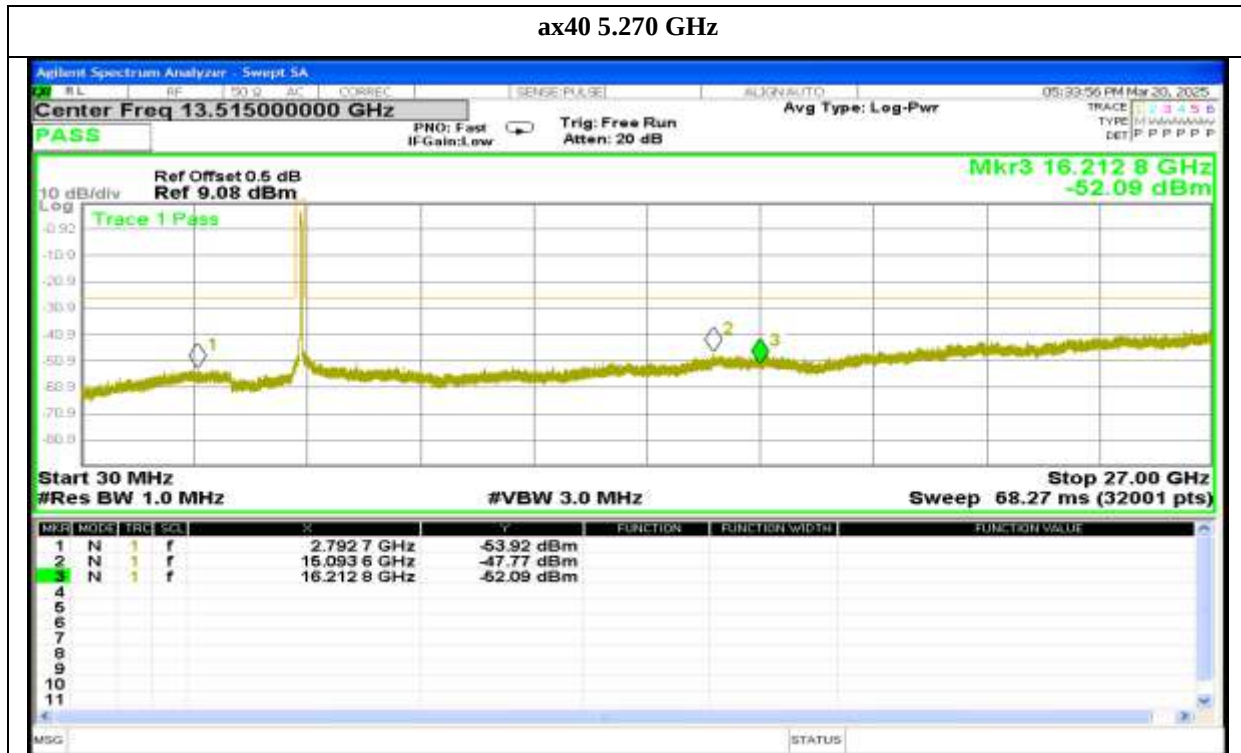


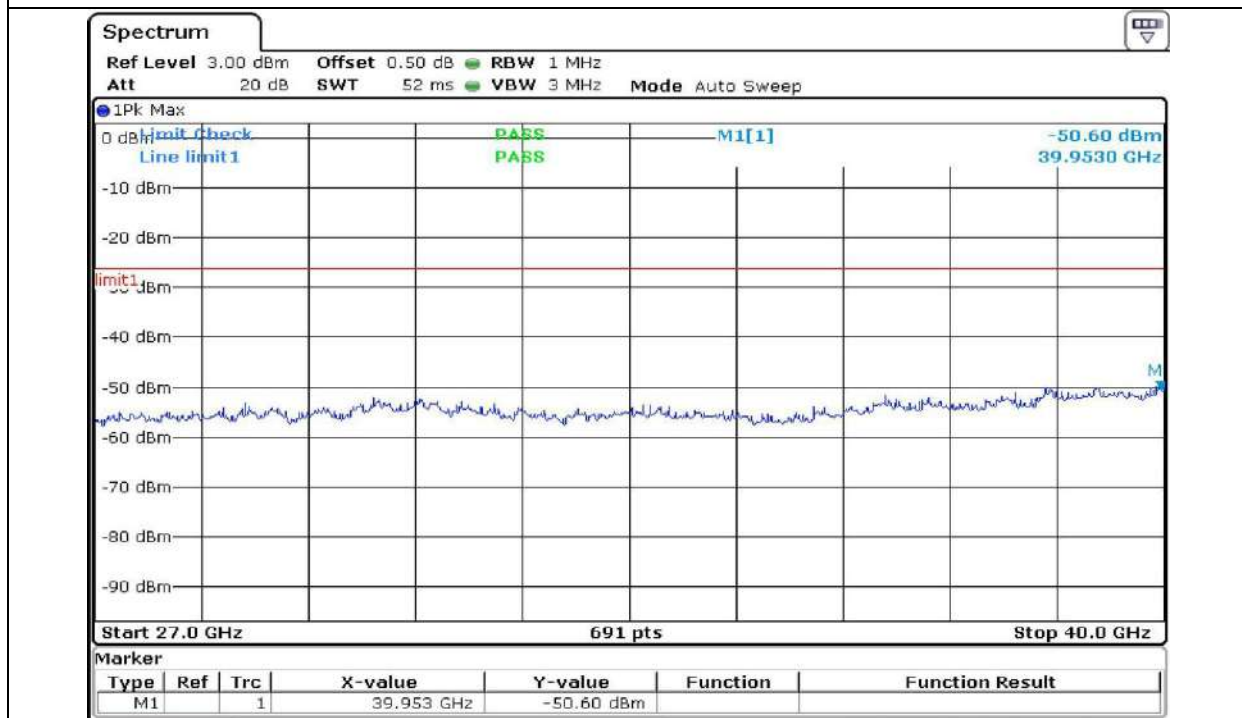
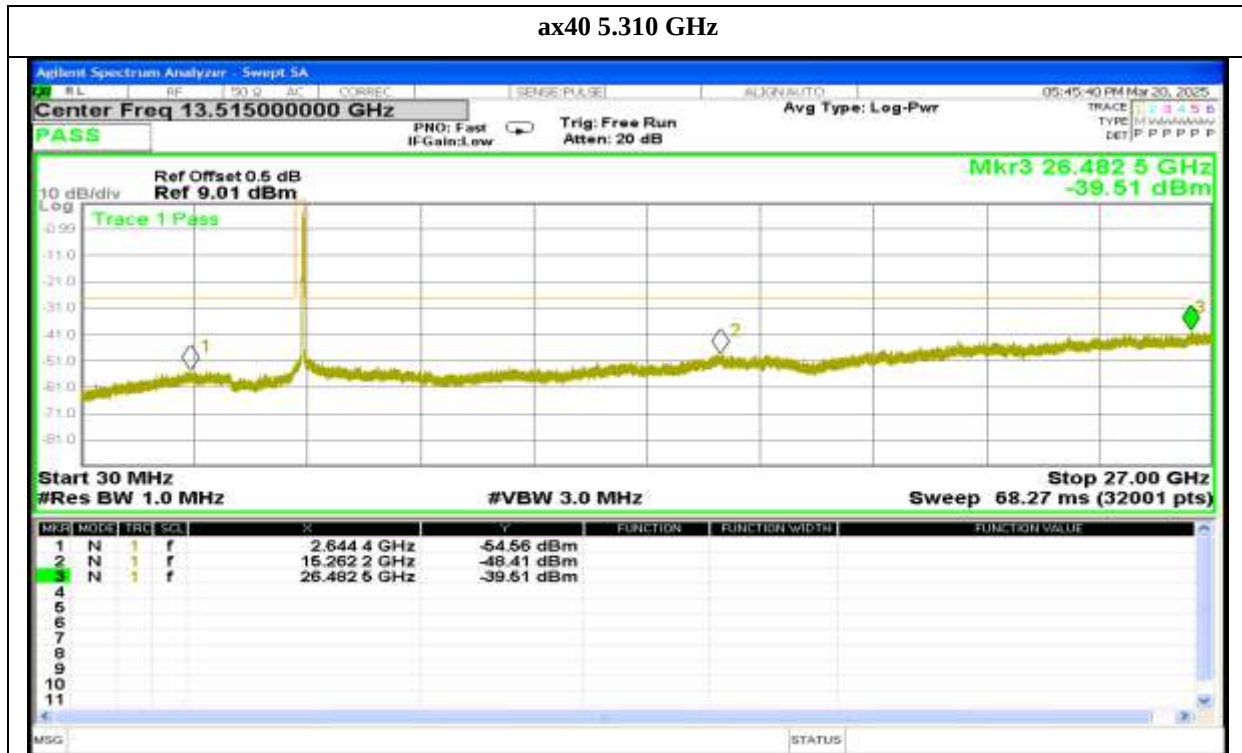
Report No.: AAEMT/RF/250131-01-02

ax40 5.270 GHz



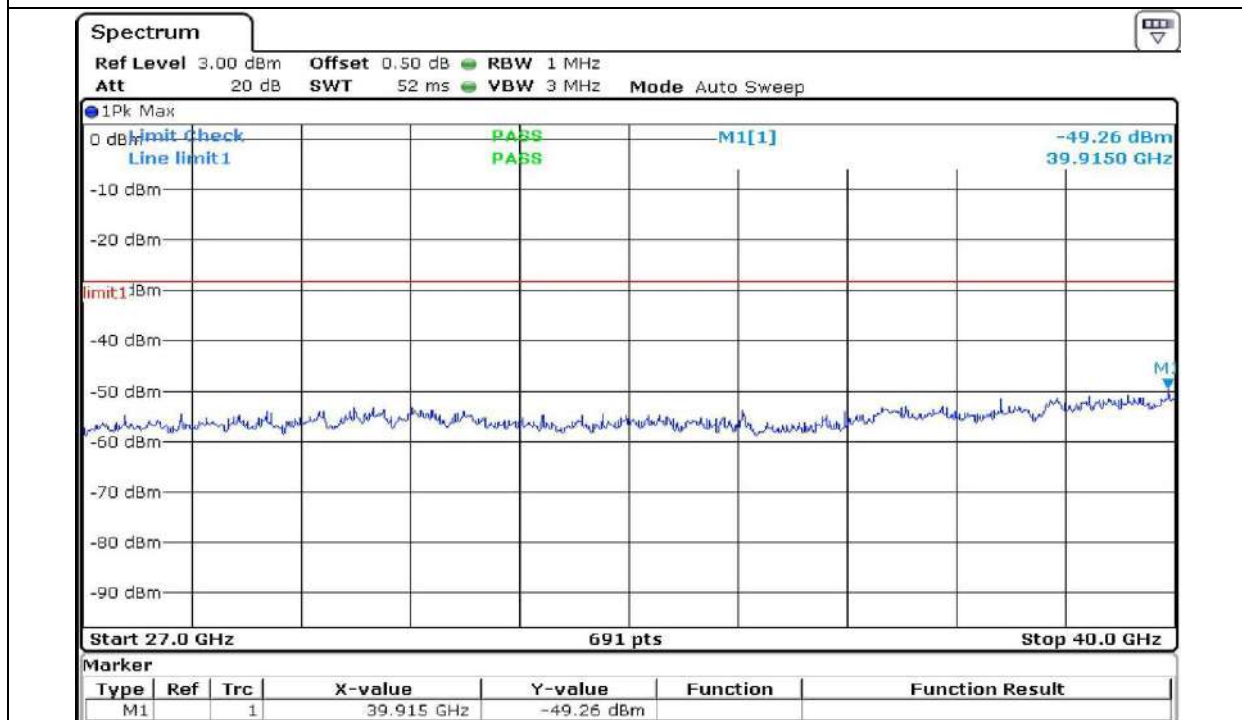
Report No.: AAEMT/RF/250131-01-02

ax40 5.310 GHz



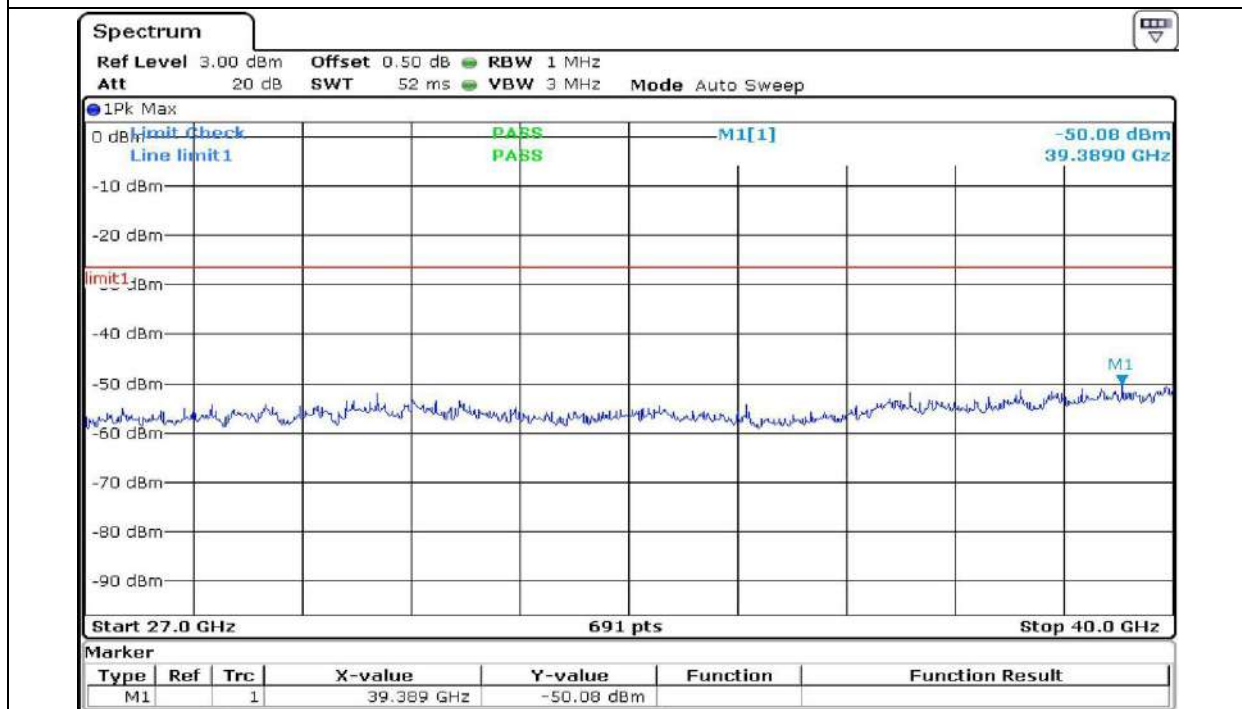
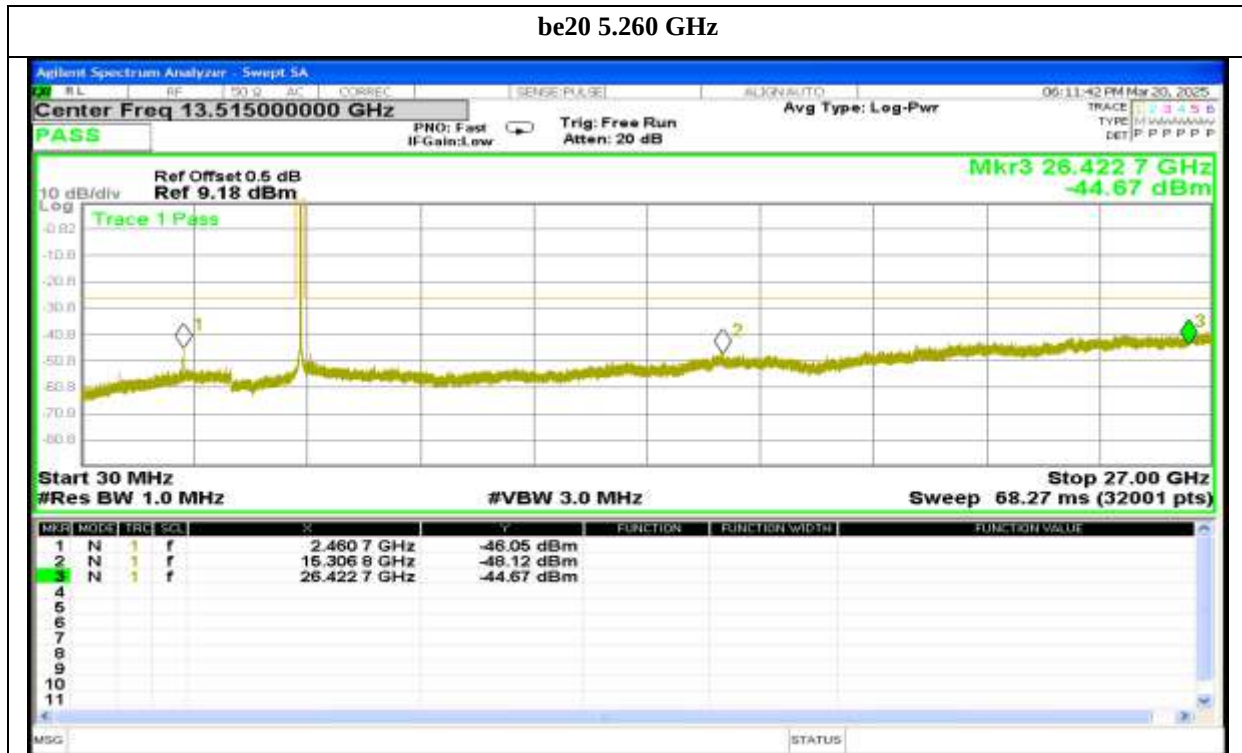
Report No.: AAEMT/RF/250131-01-02

ax80 5.290 GHz



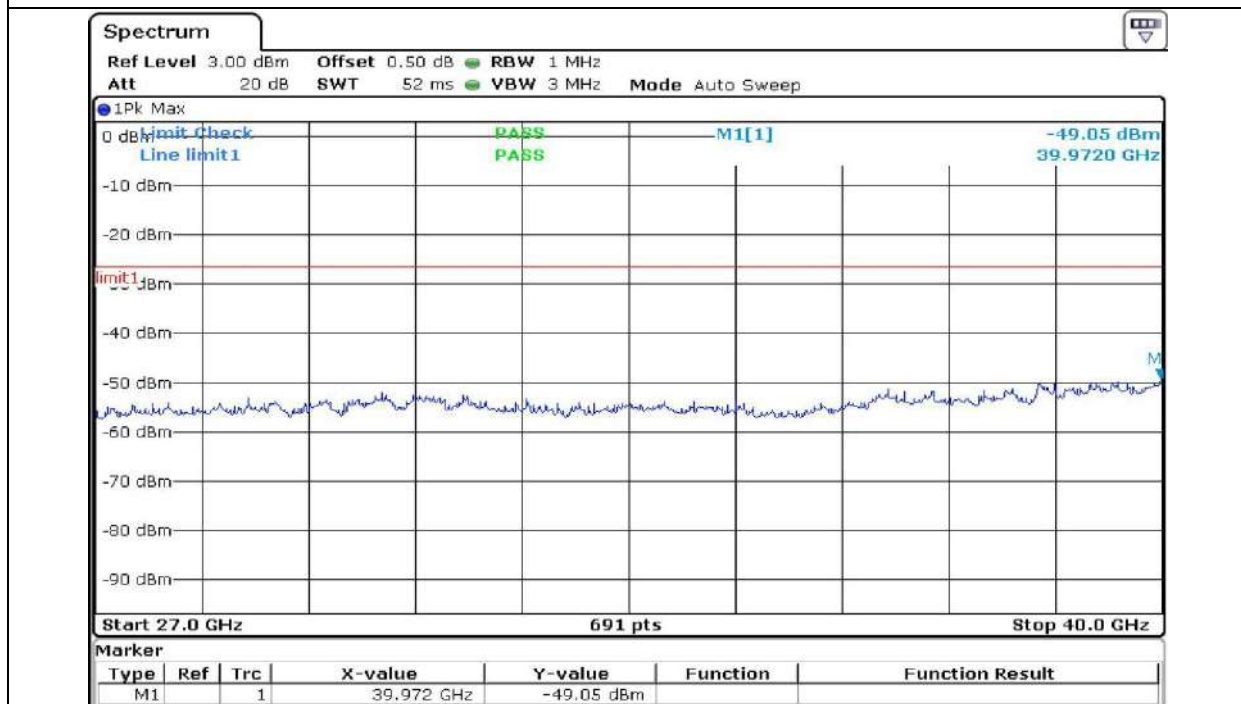
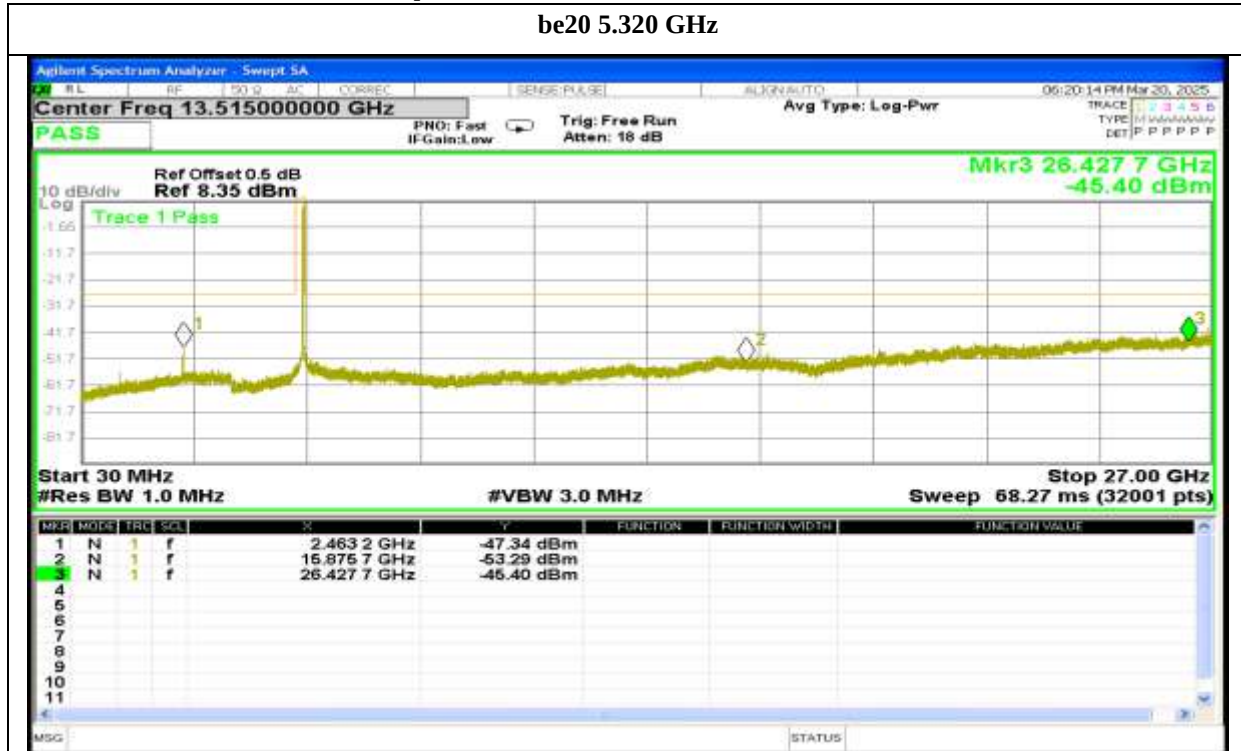
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be20 5.260 GHz



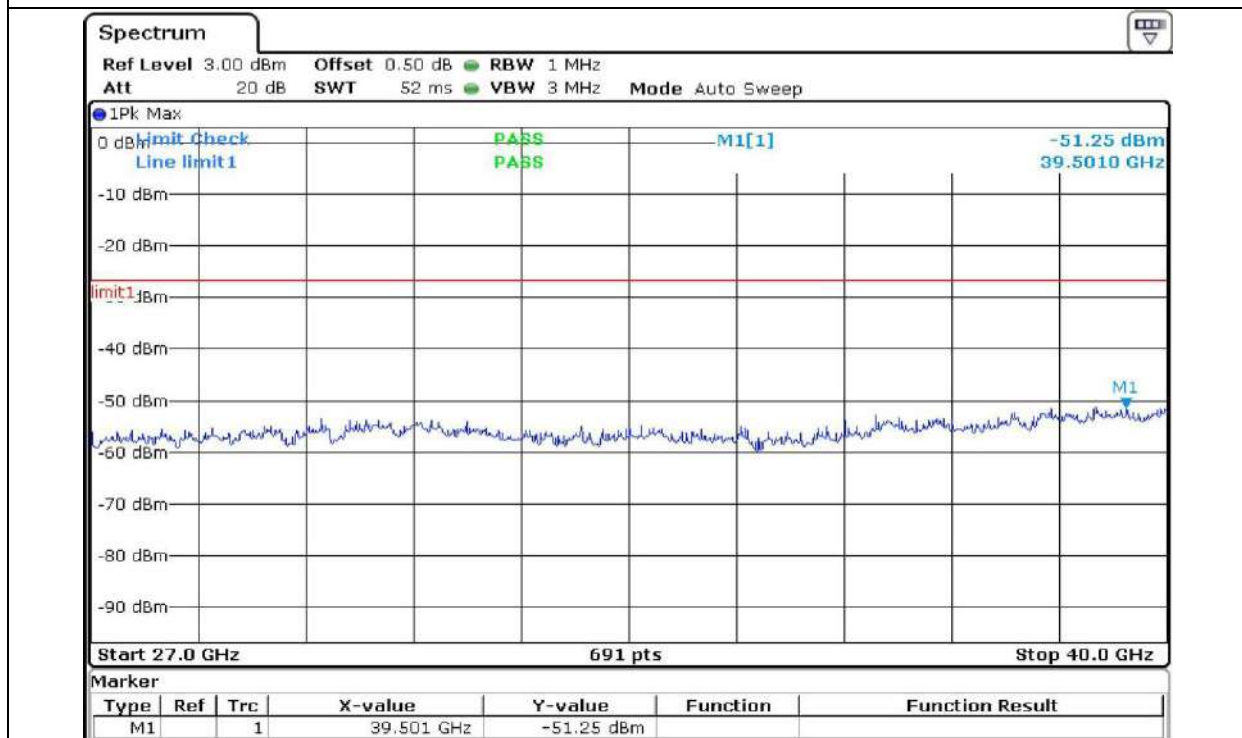
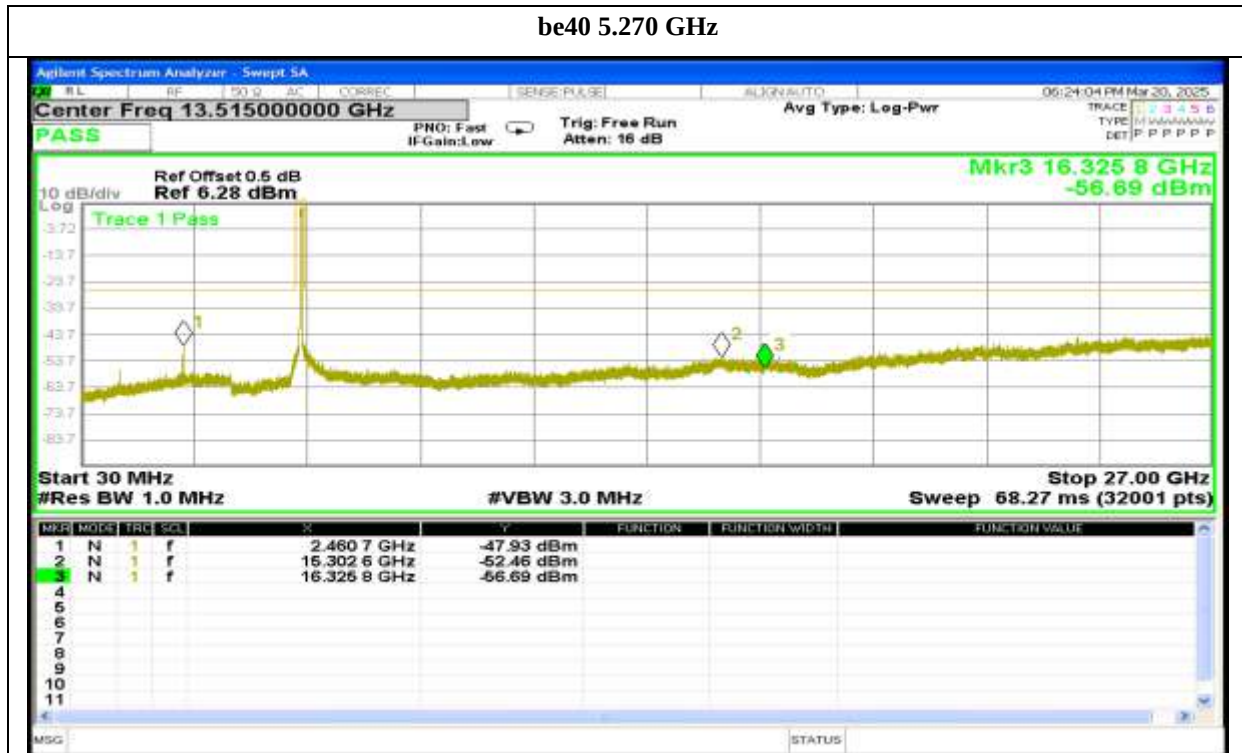
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be20 5.320 GHz



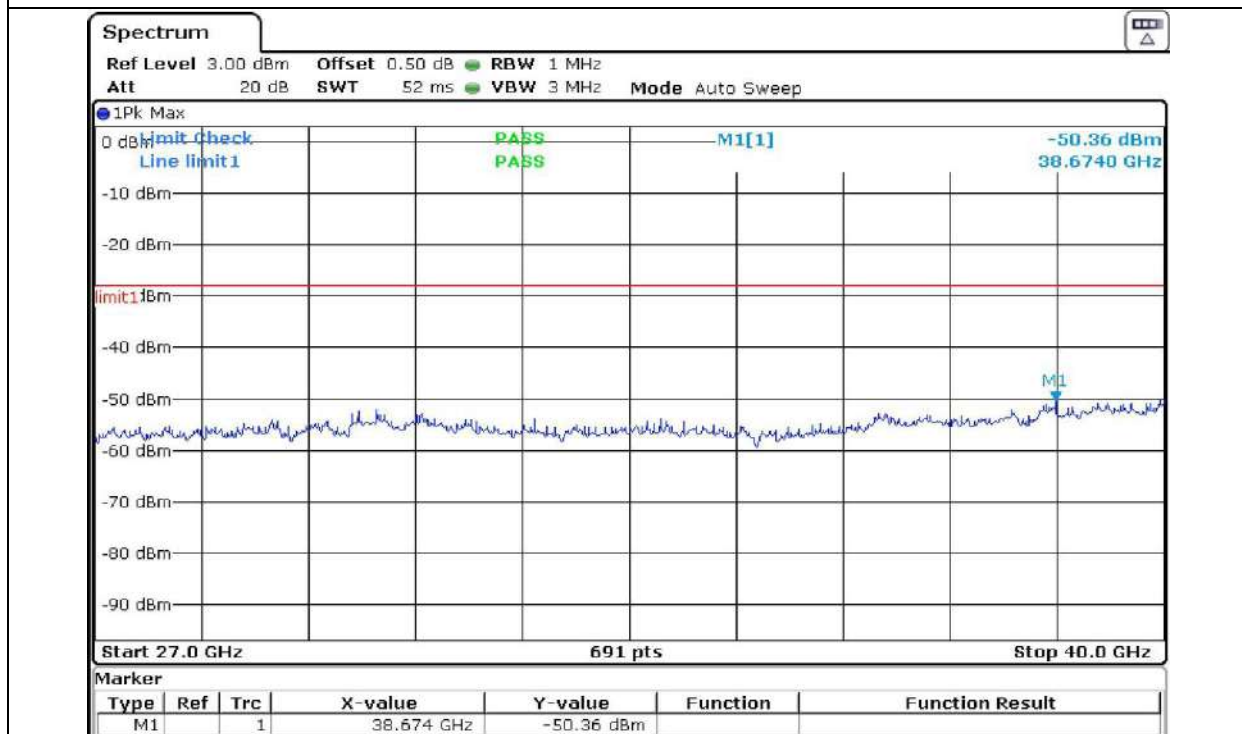
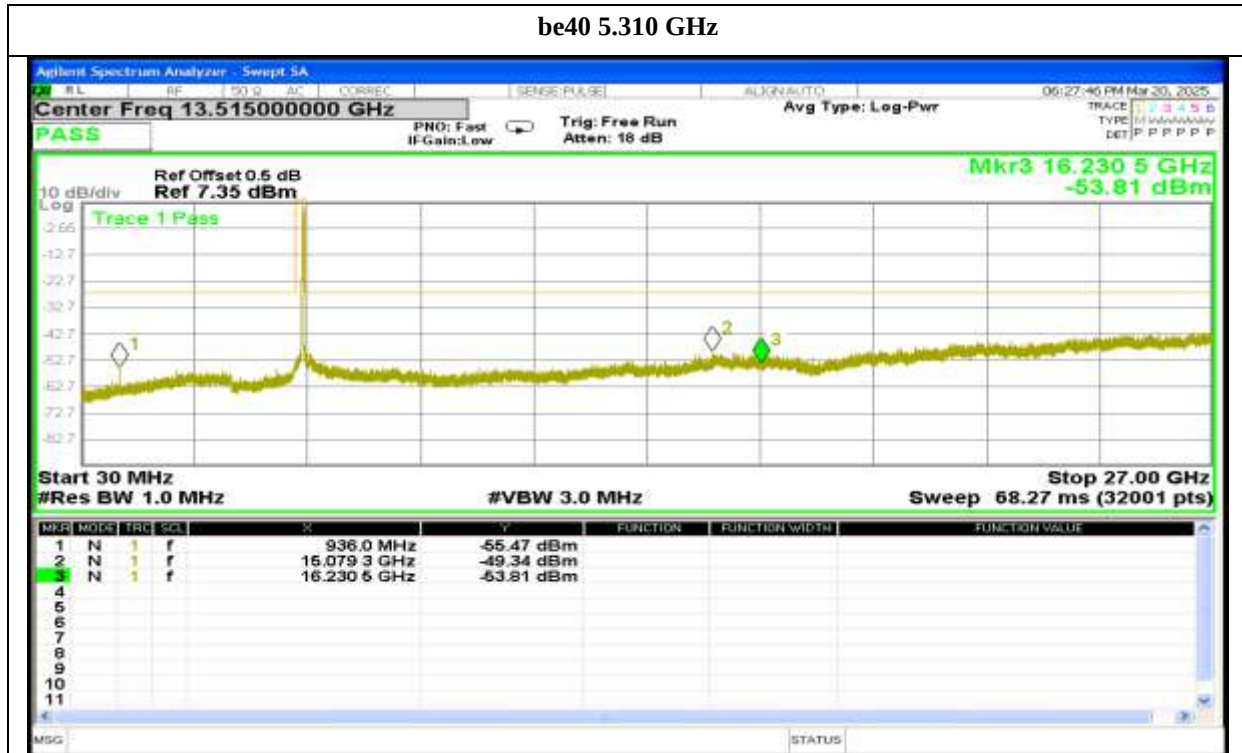
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be40 5.270 GHz



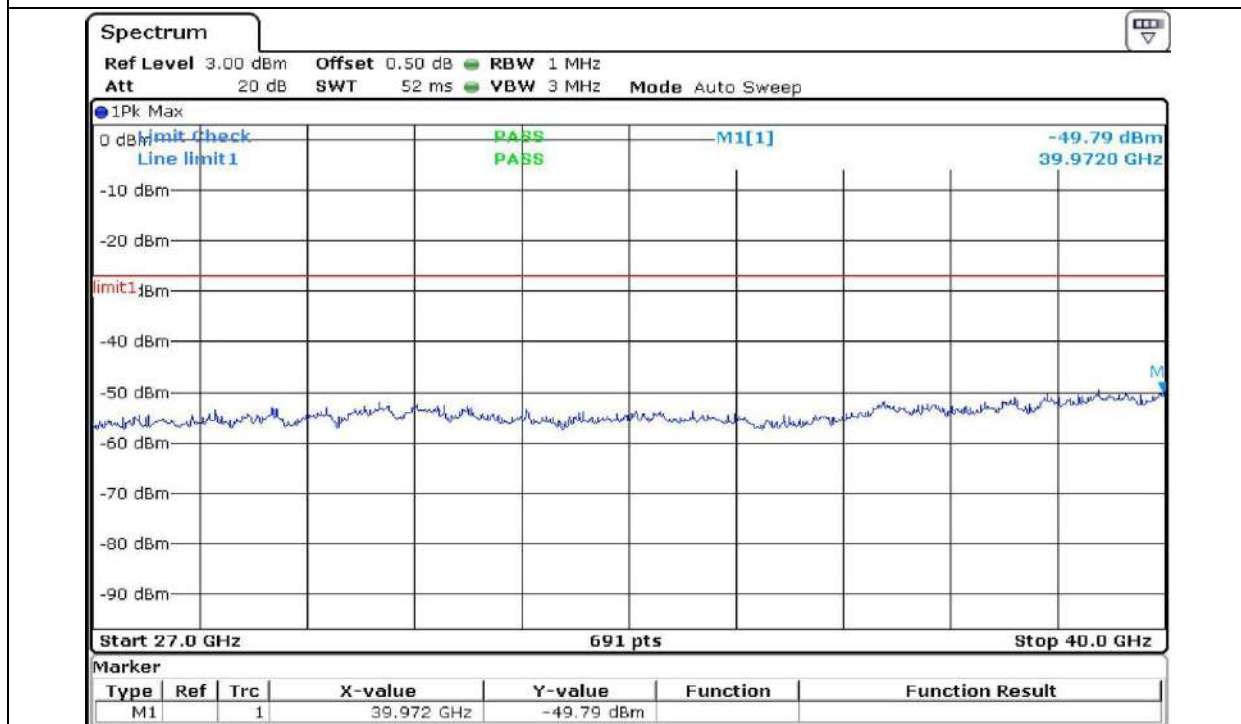
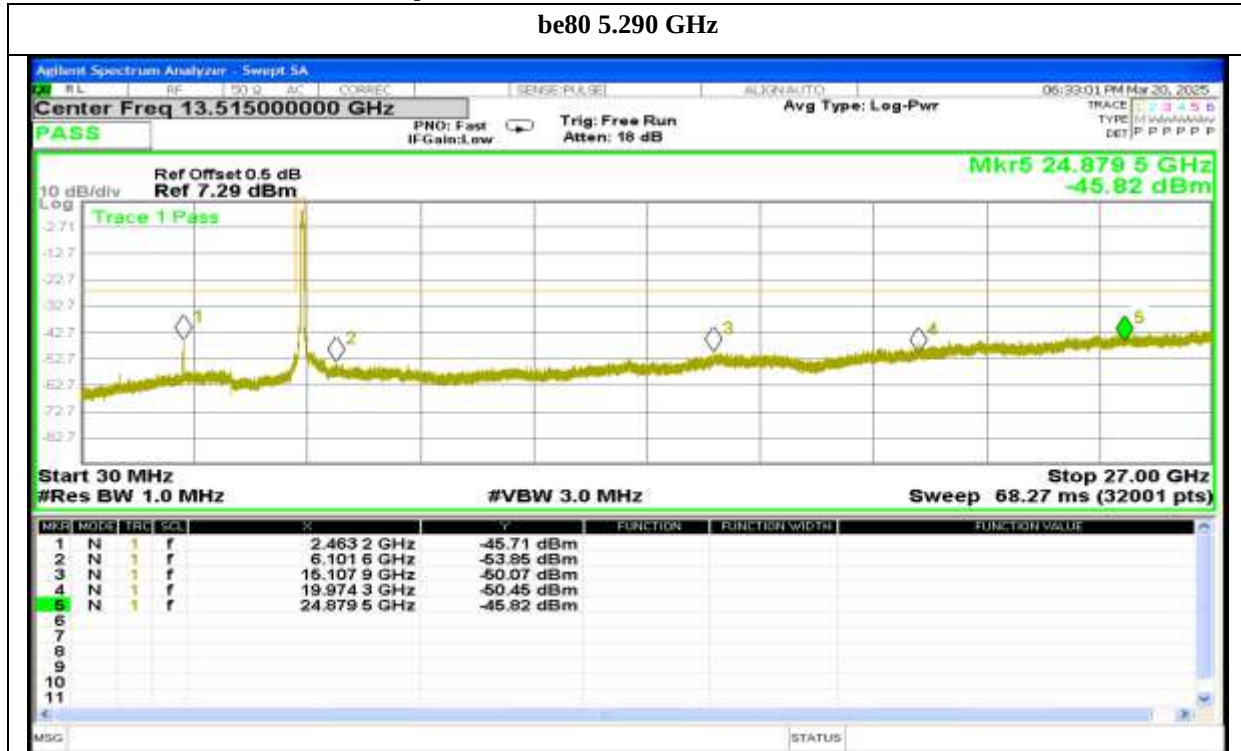
Report No.: AAEMT/RF/250131-01-02

be40 5.310 GHz



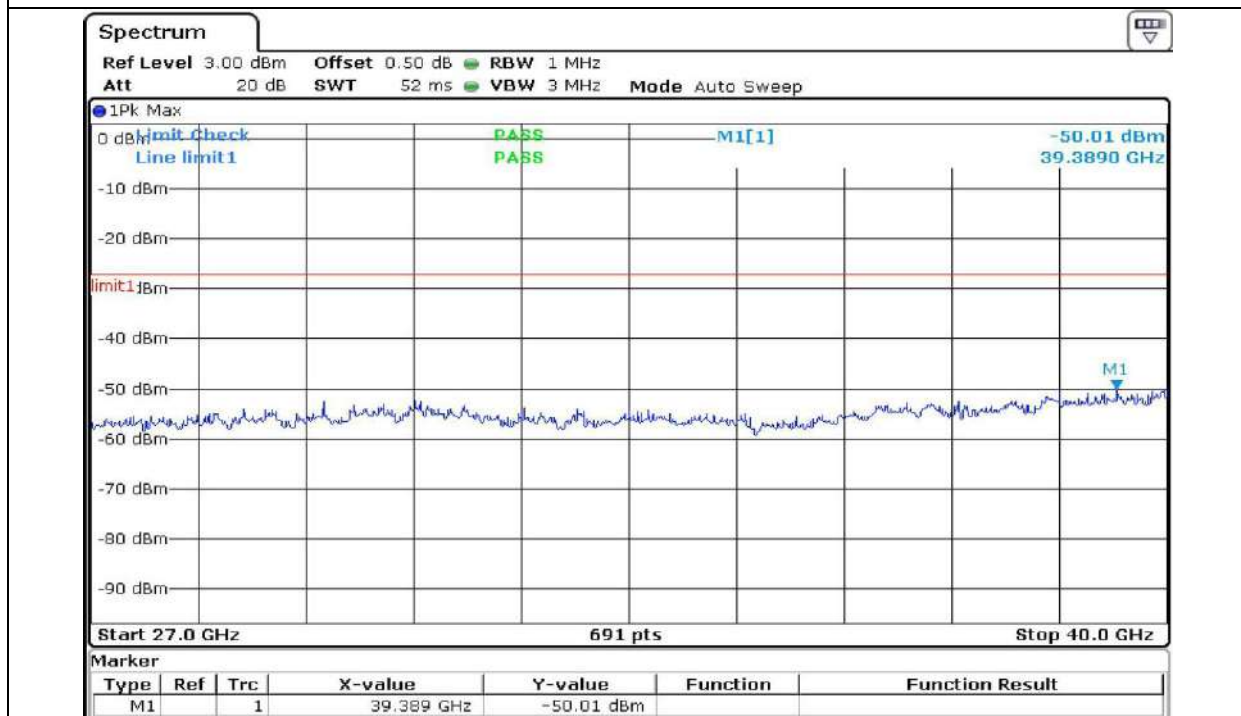
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be80 5.290 GHz



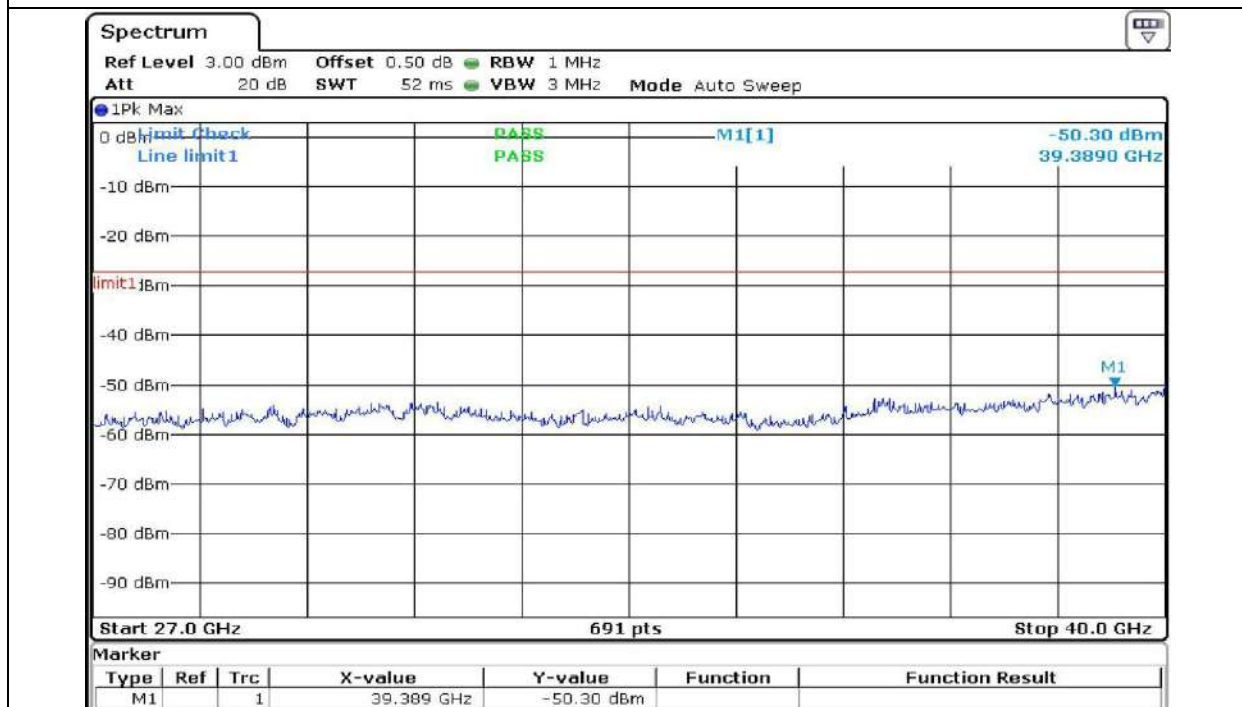
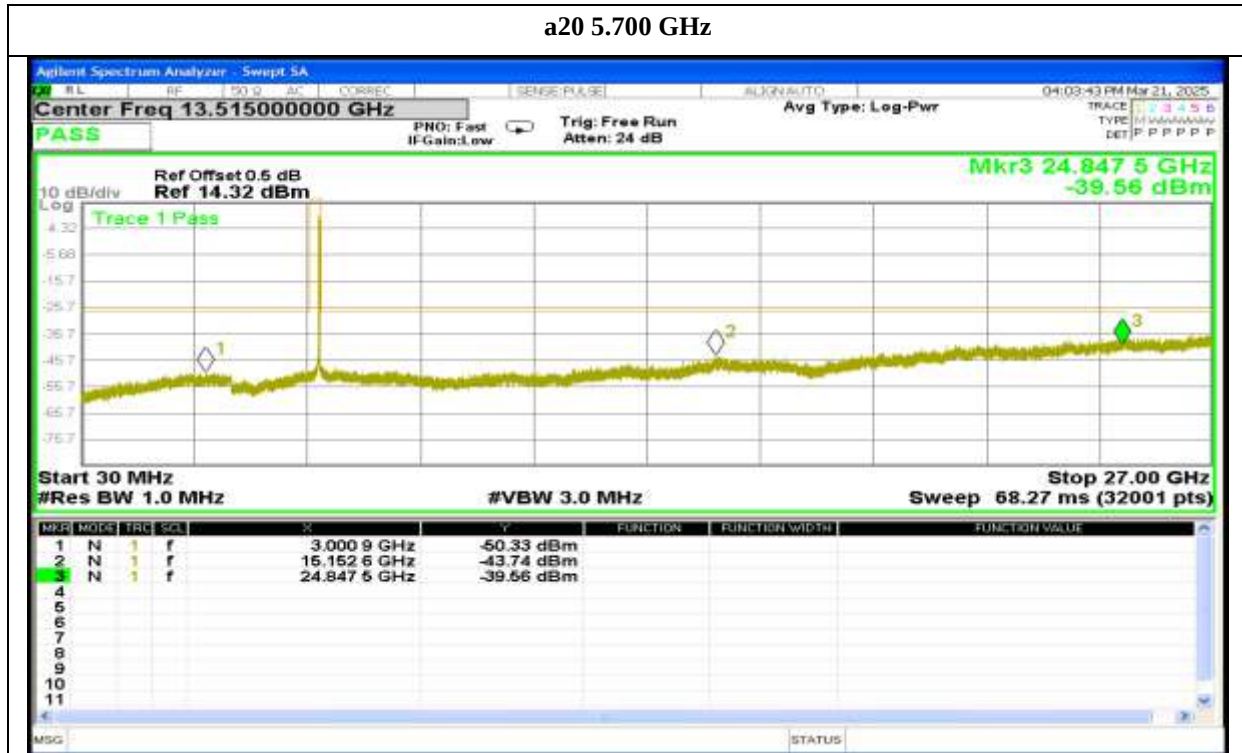
Report No.: AAEMT/RF/250131-01-02

a20 5.500 GHz



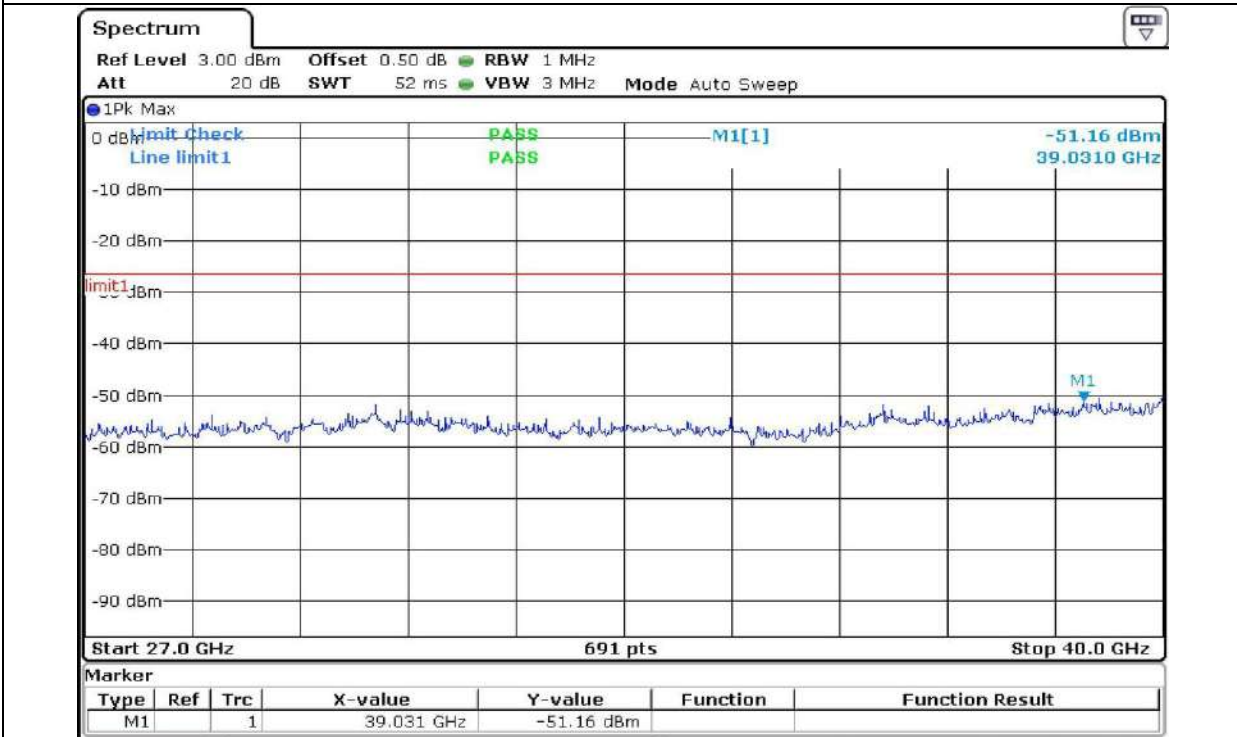
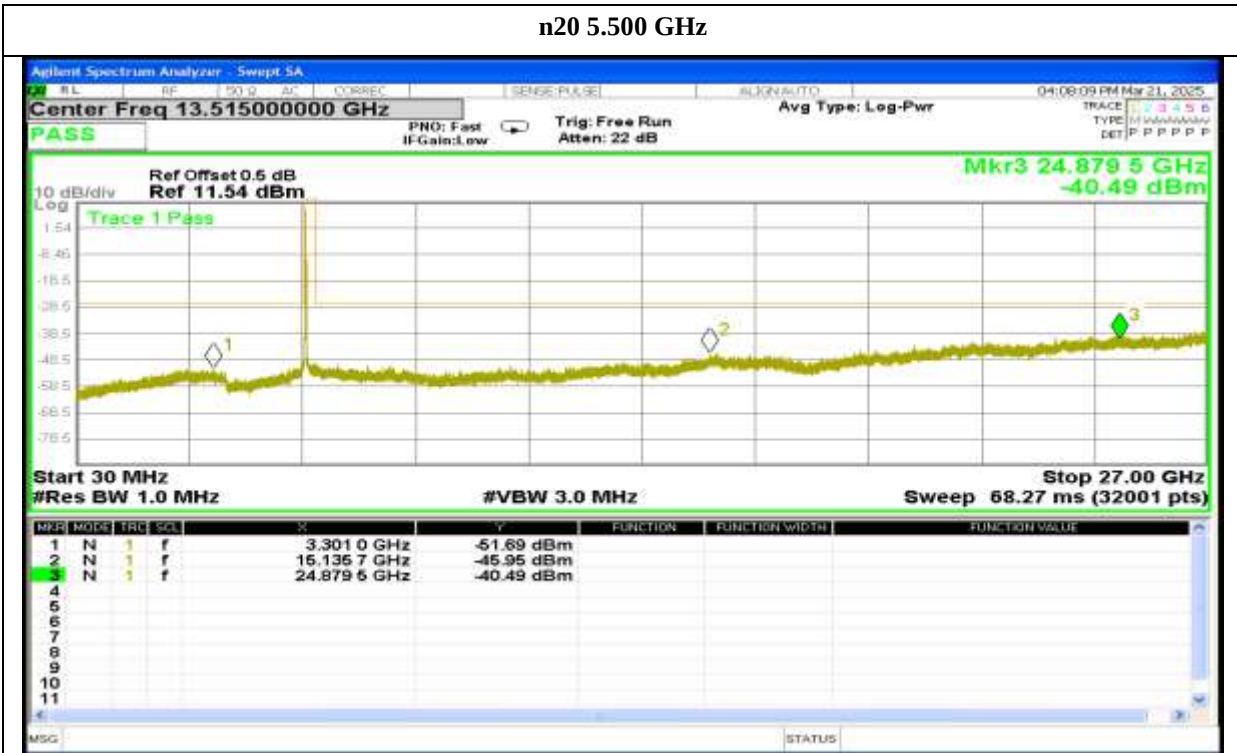
Report No.: AAEMT/RF/250131-01-02

a20 5.700 GHz



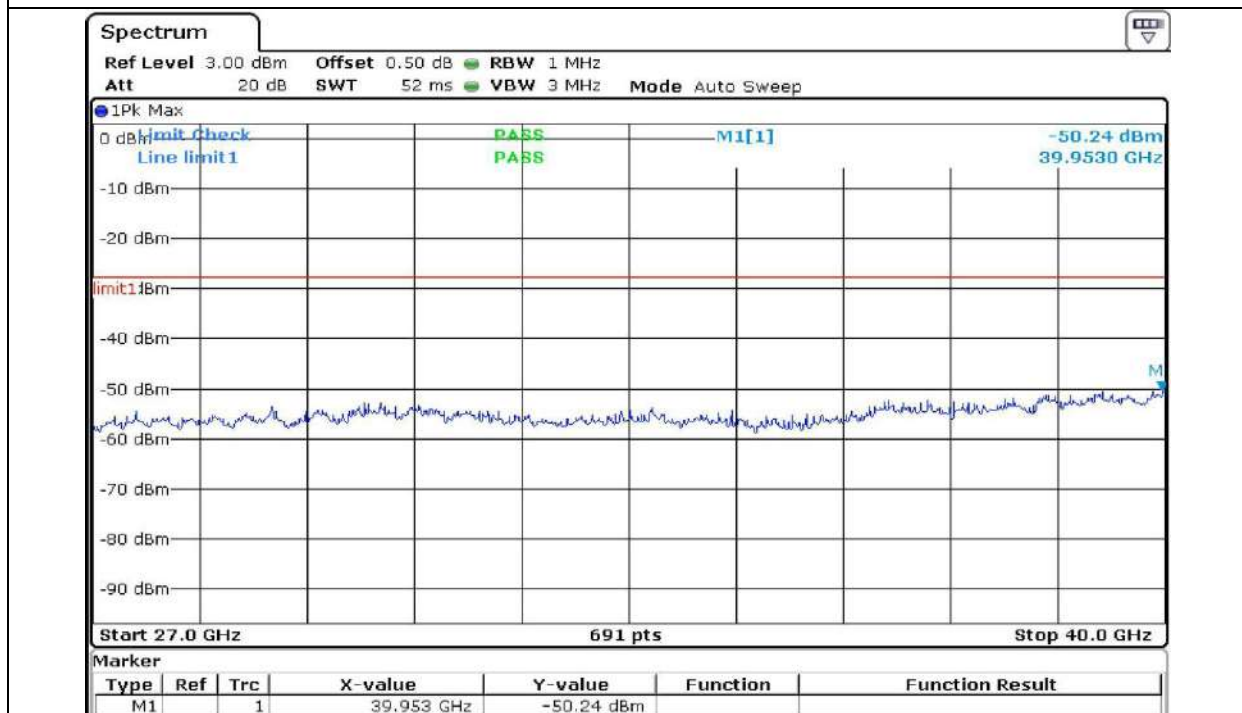
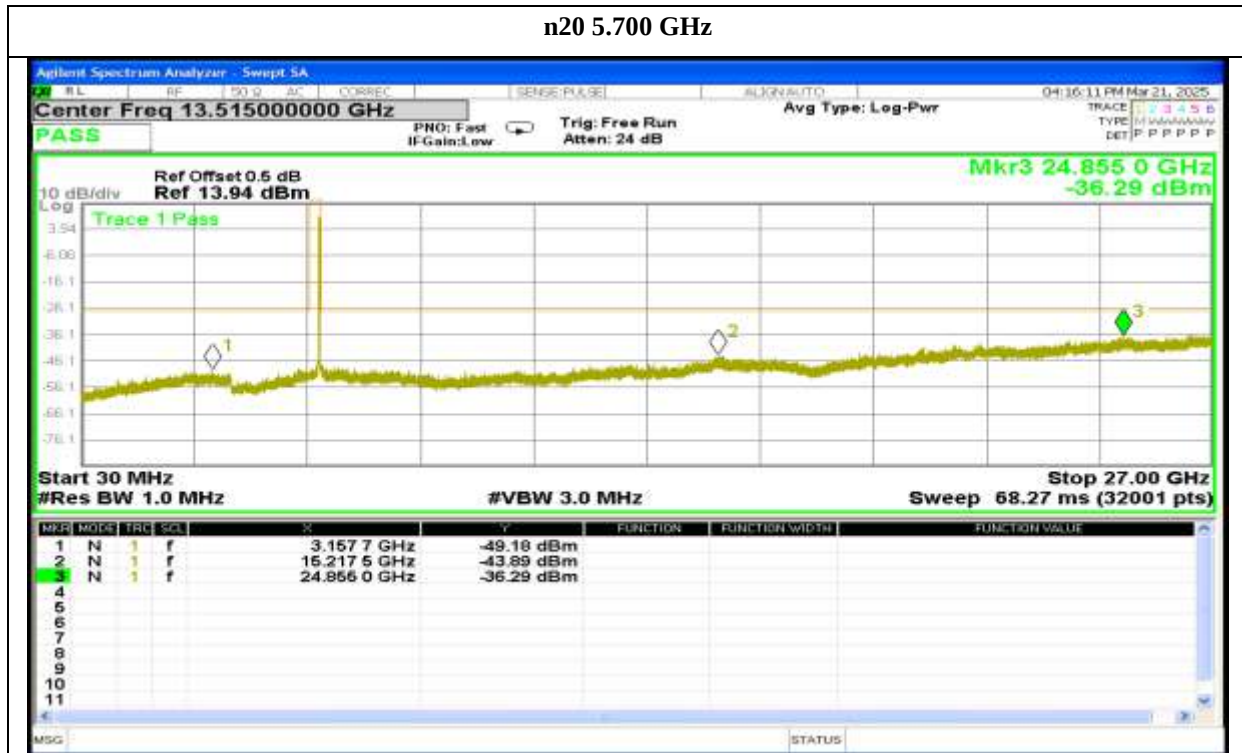
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n20 5.500 GHz



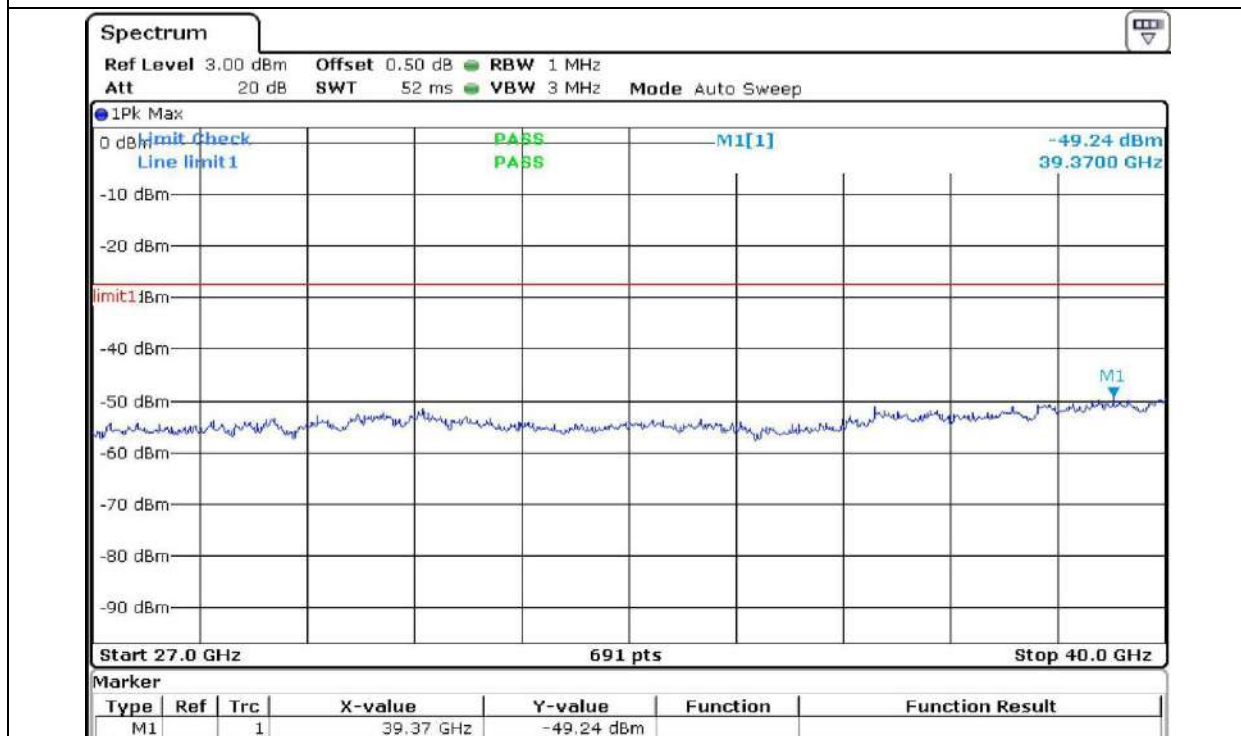
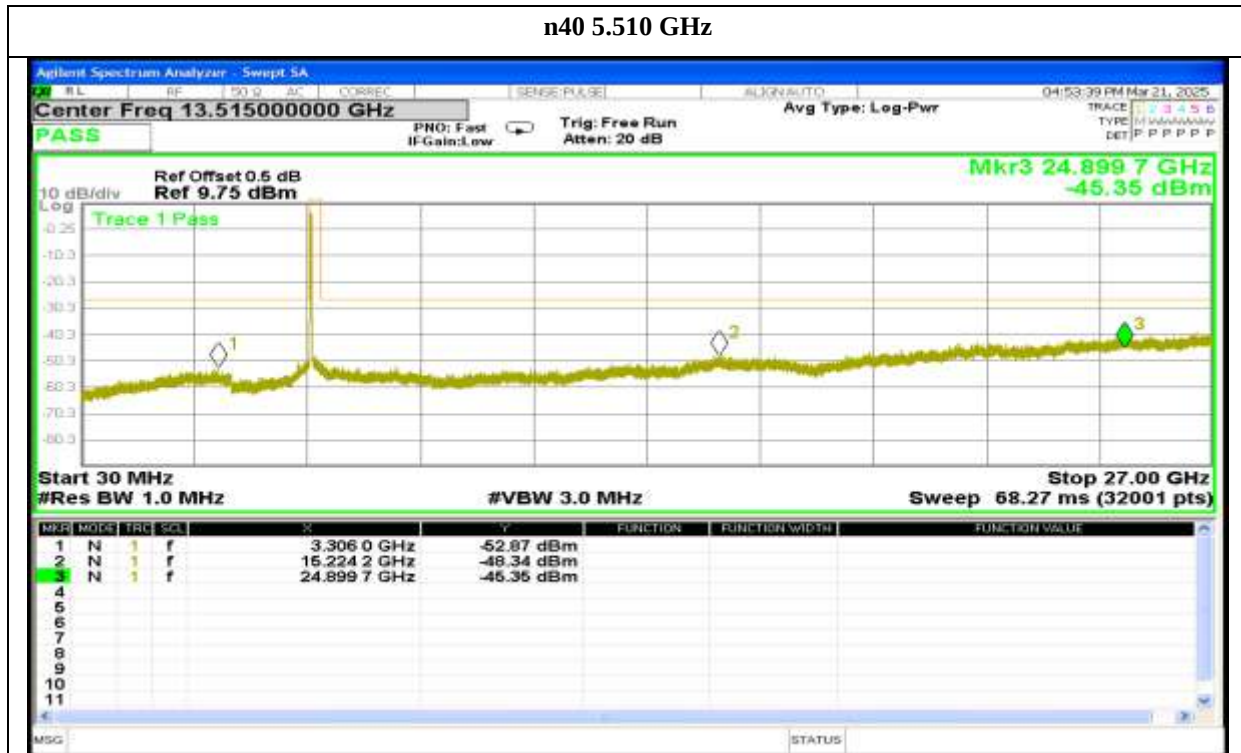
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n20 5.700 GHz



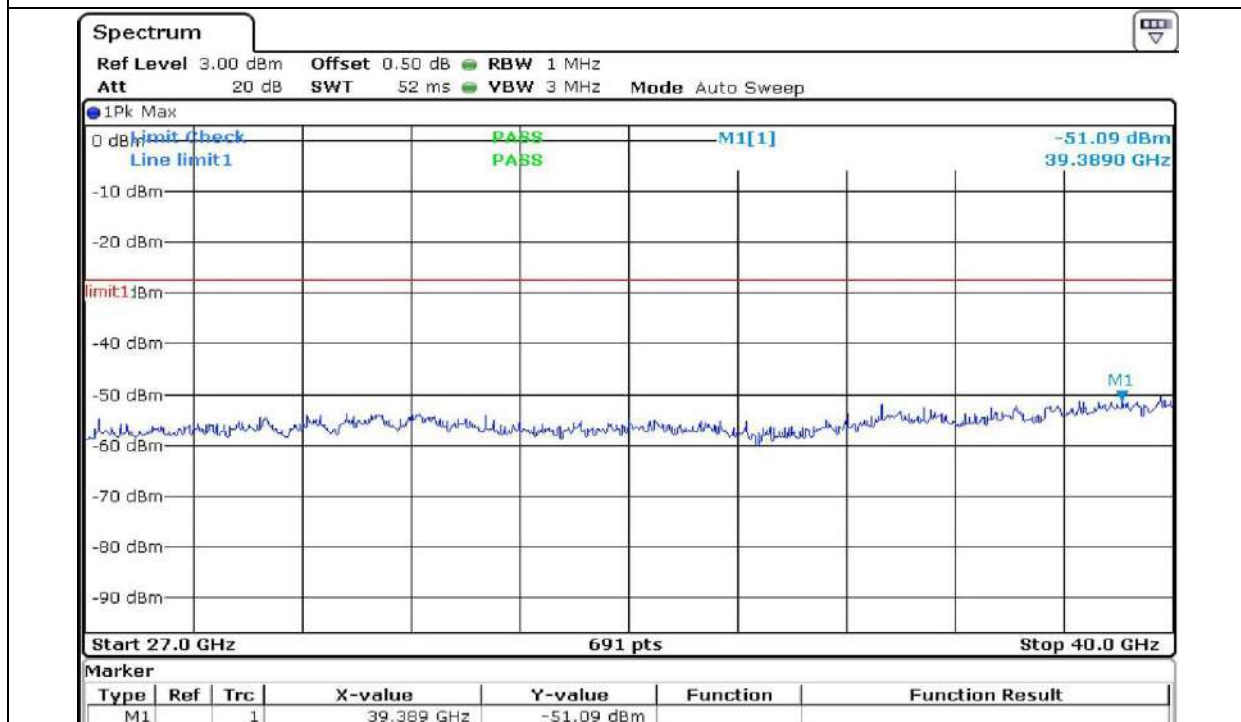
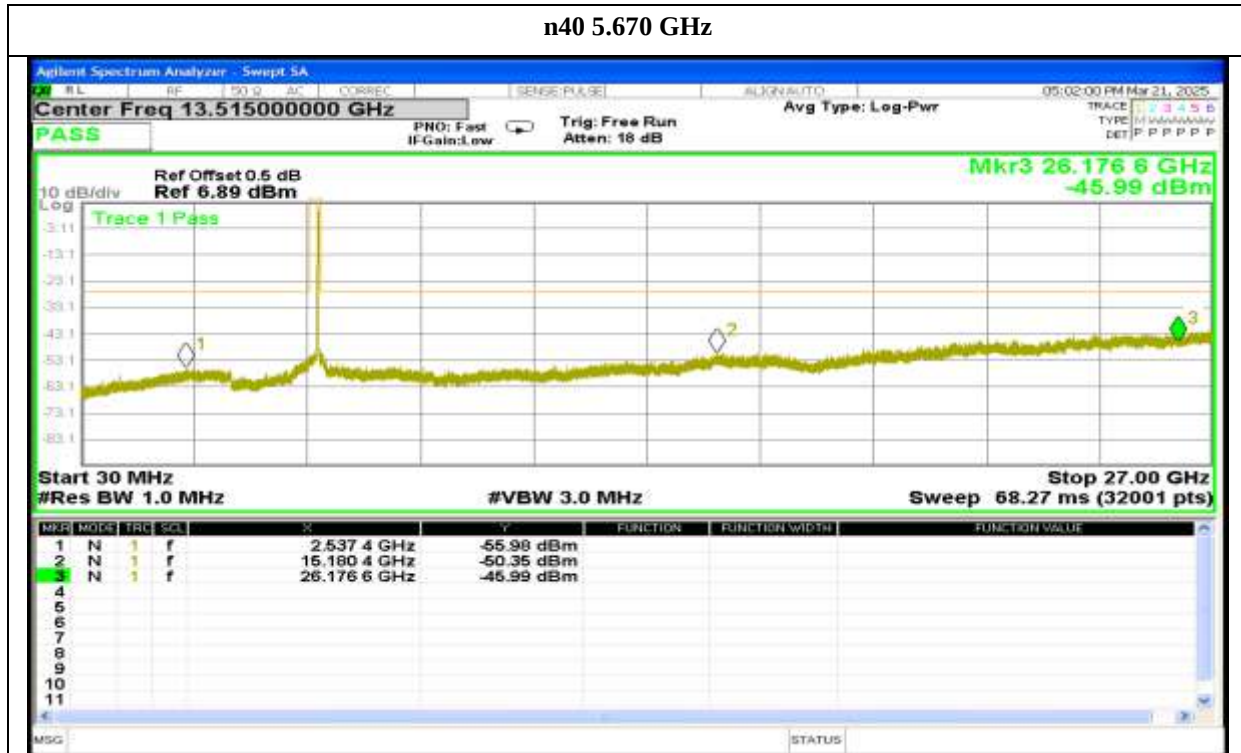
Report No.: AAEMT/RF/250131-01-02

n40 5.510 GHz



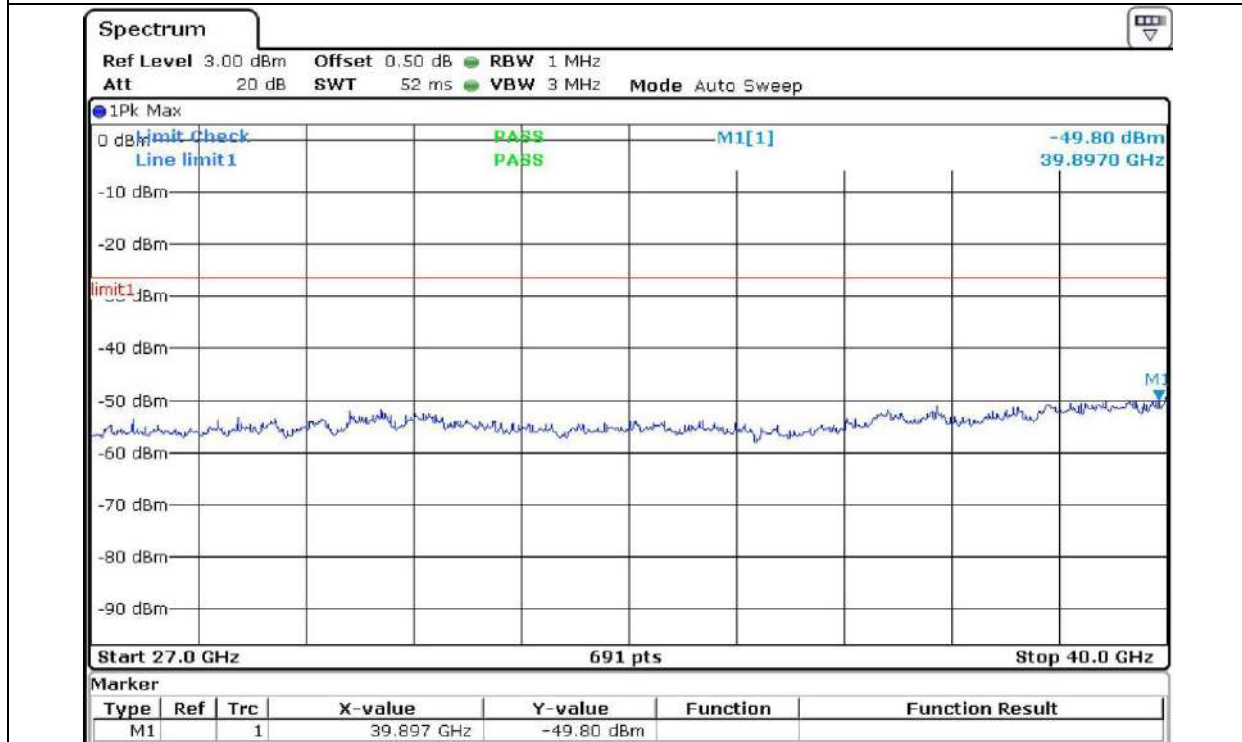
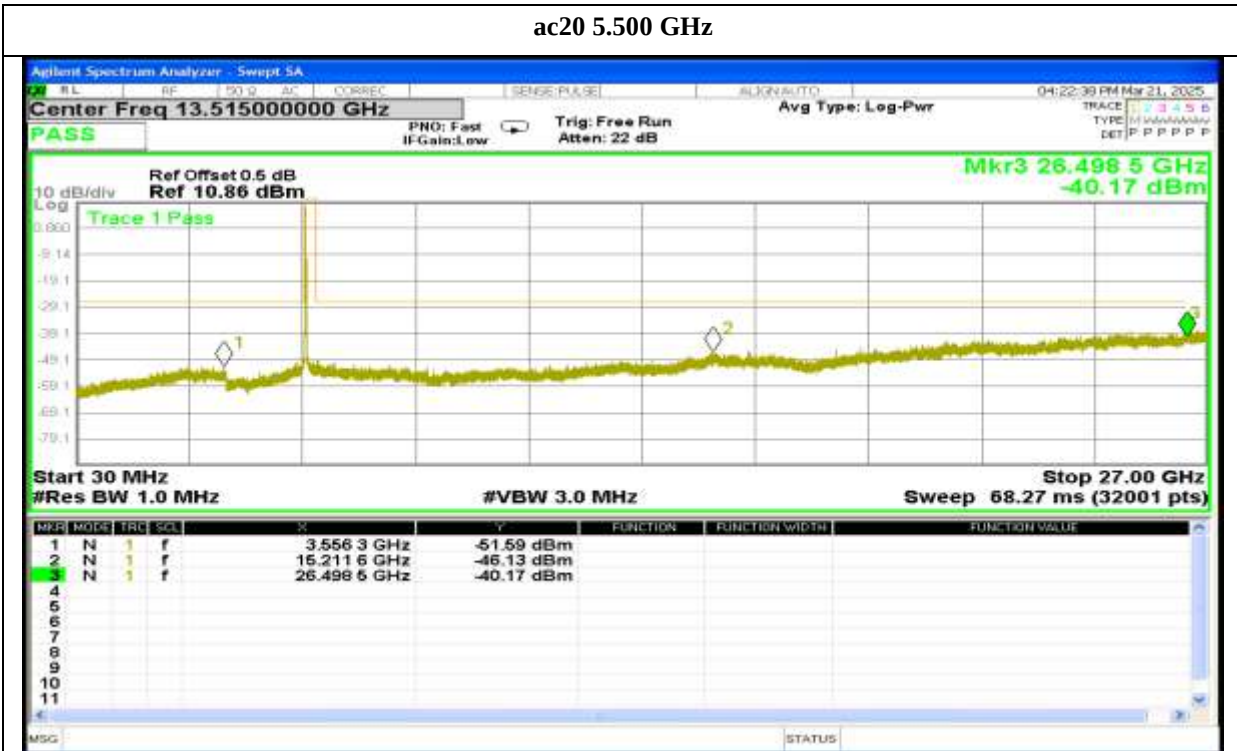
Report No.: AAEMT/RF/250131-01-02

n40 5.670 GHz



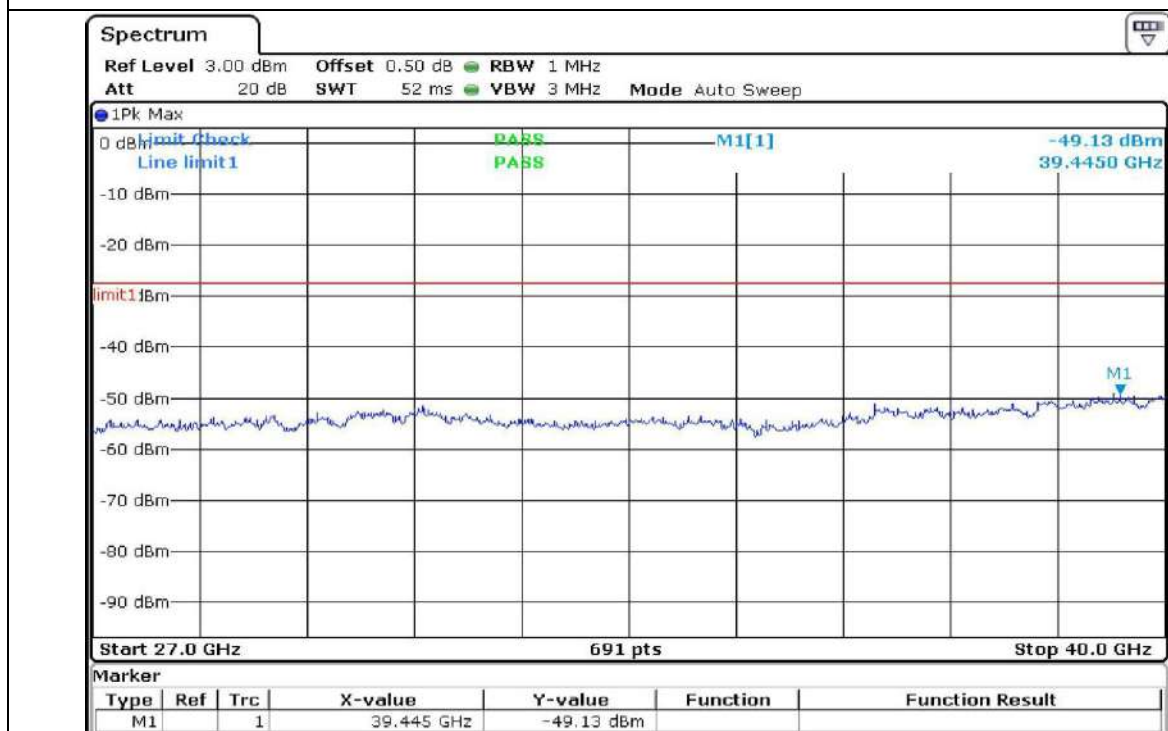
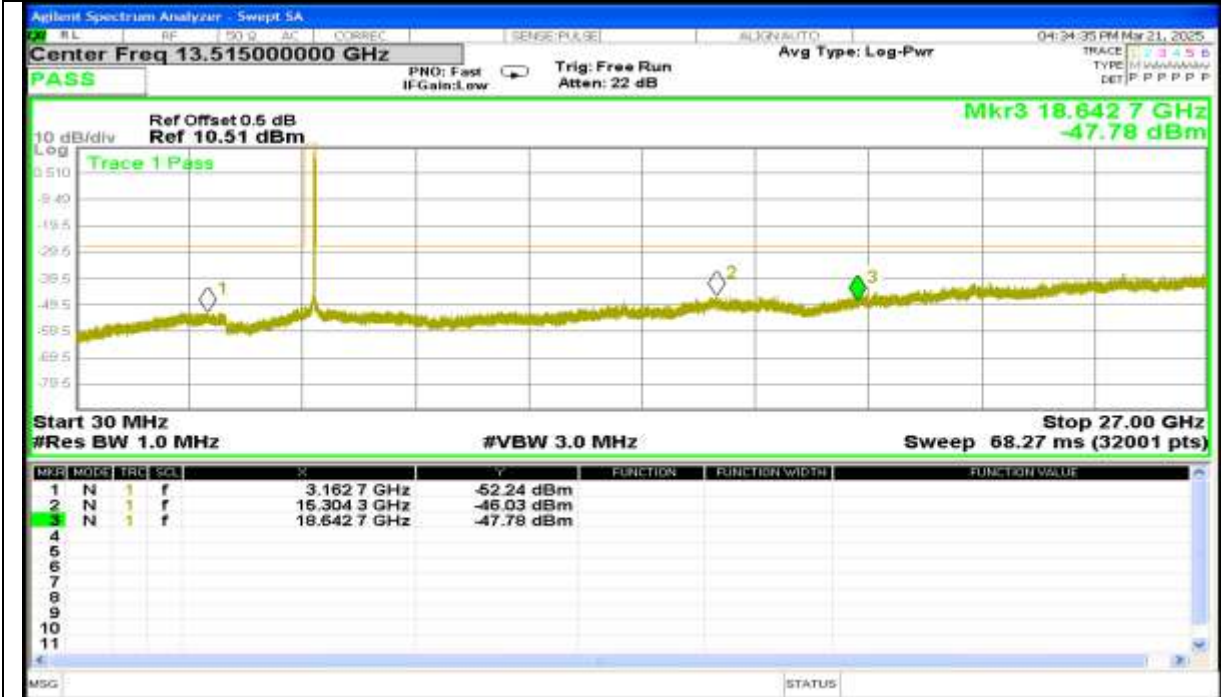
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ac20 5.500 GHz



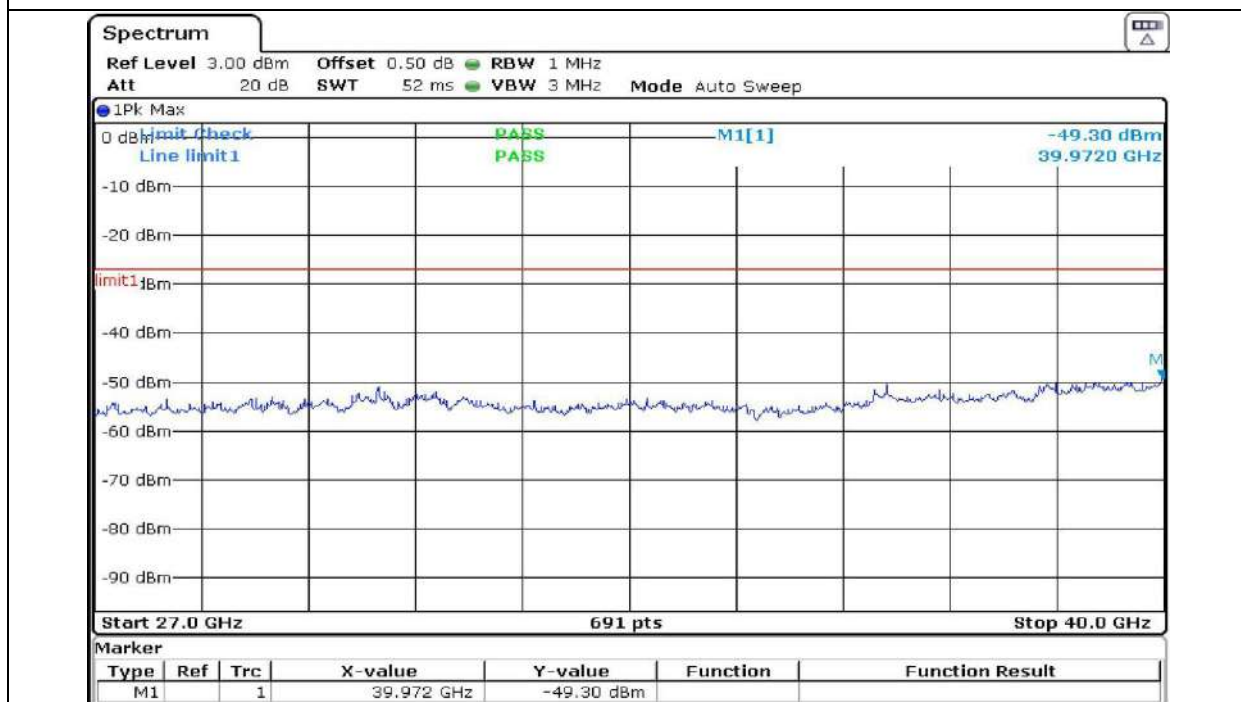
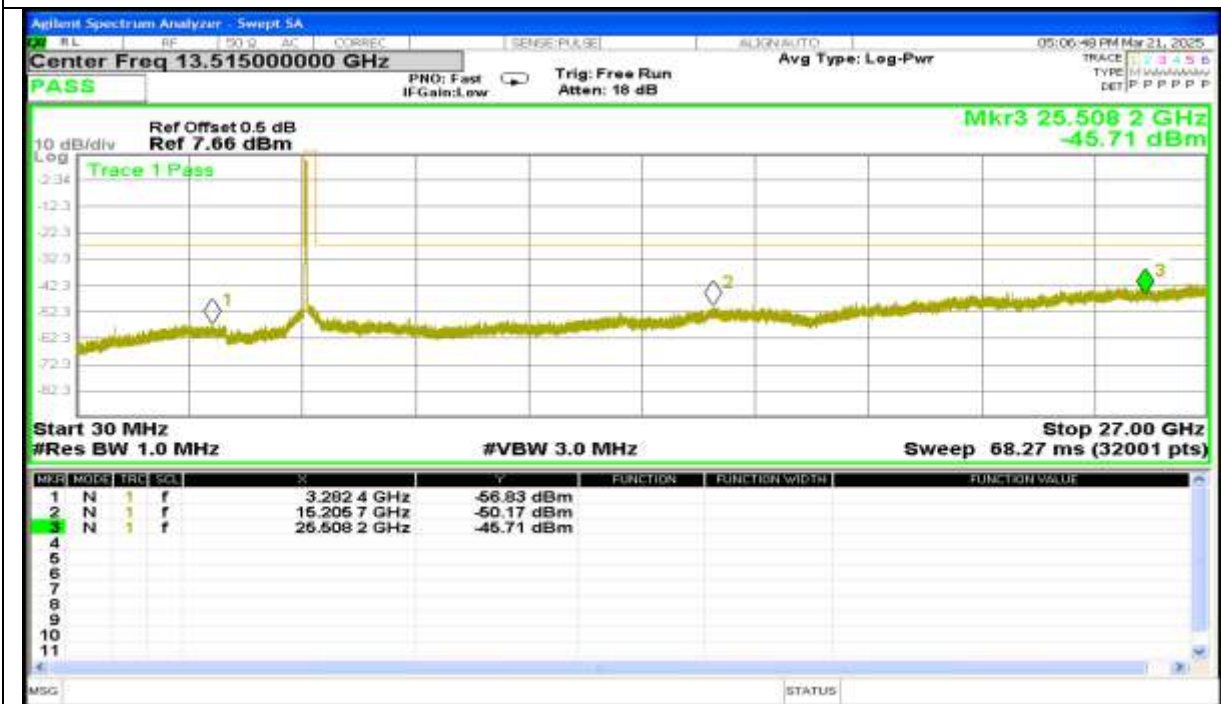
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ac20 5.700 GHz



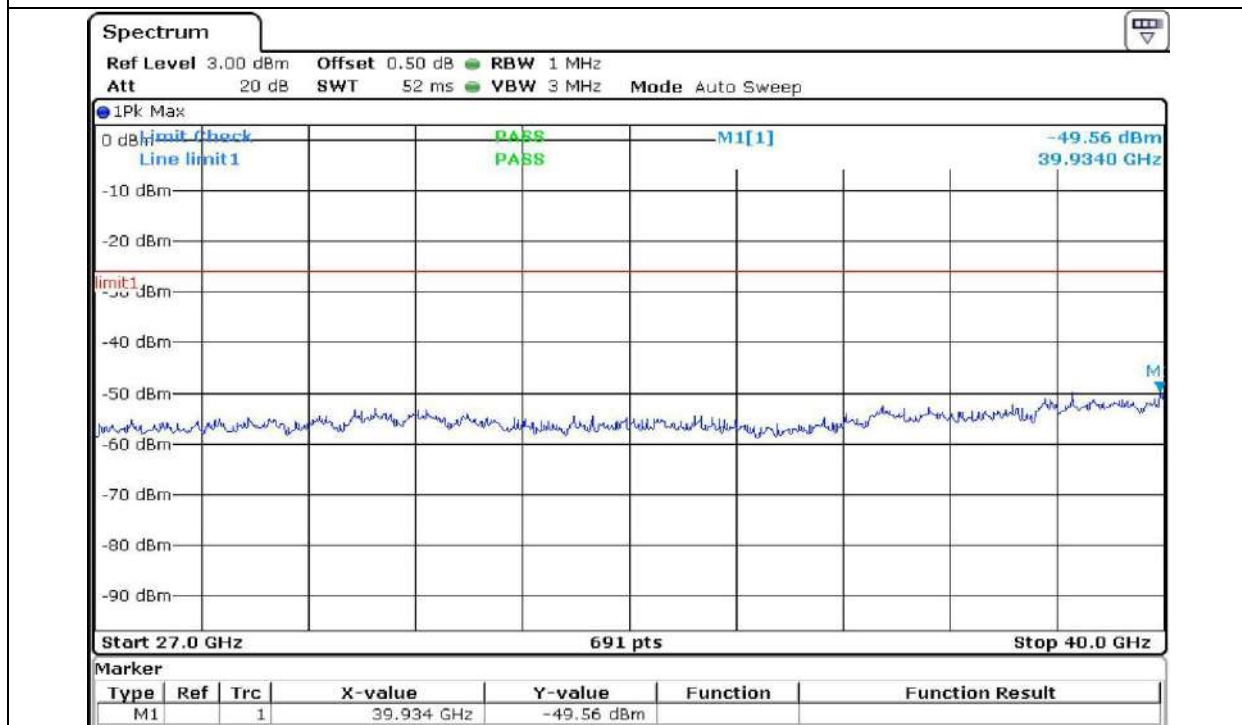
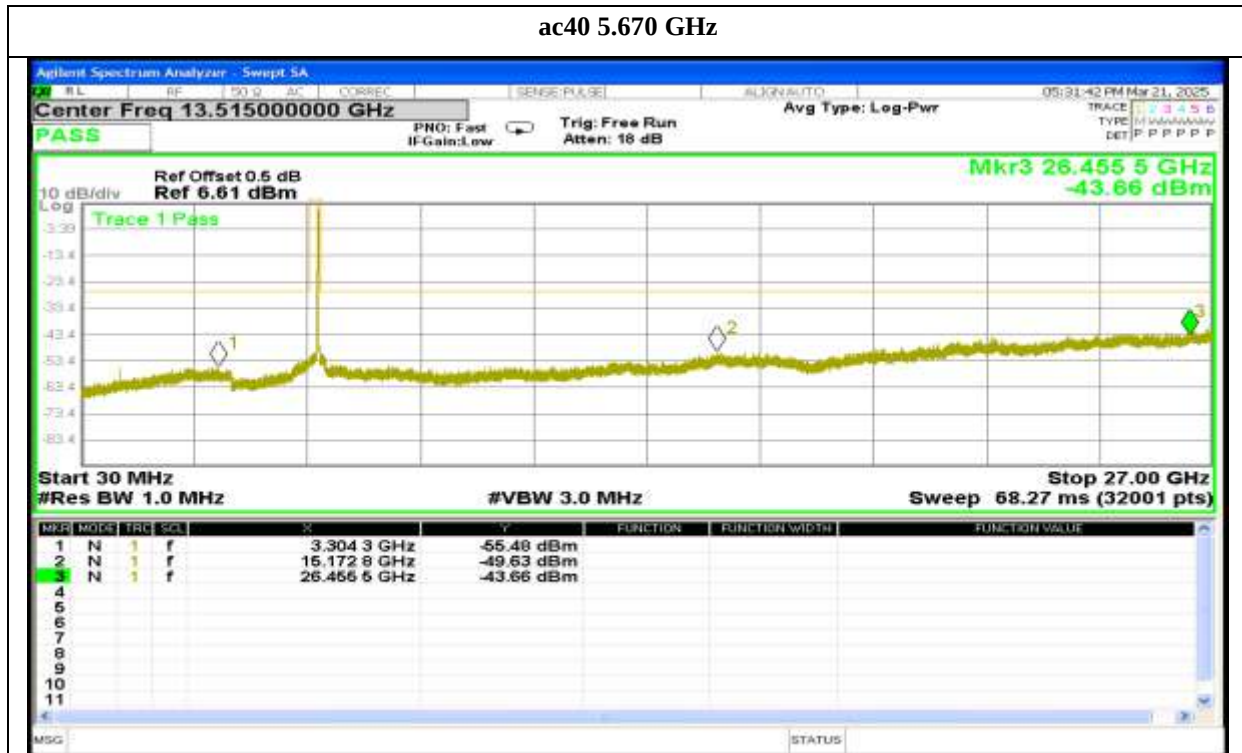
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ac40 5.510 GHz



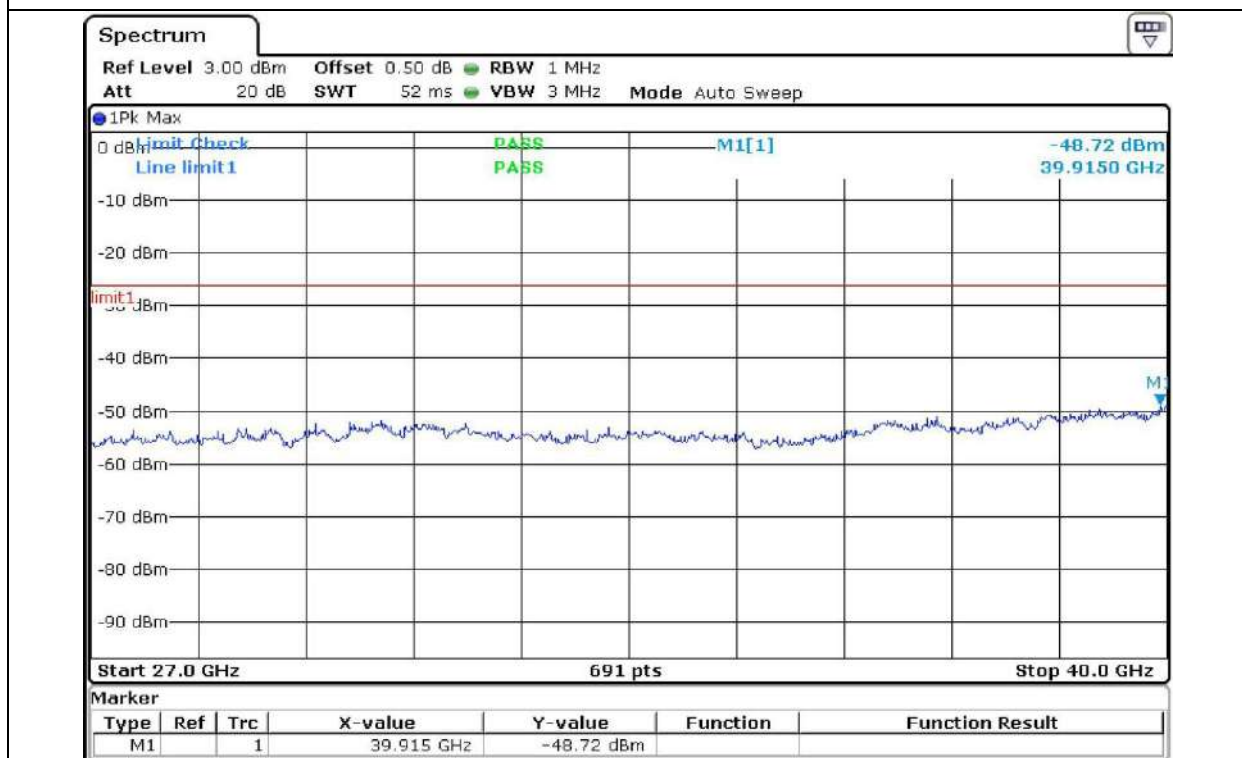
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ac40 5.670 GHz



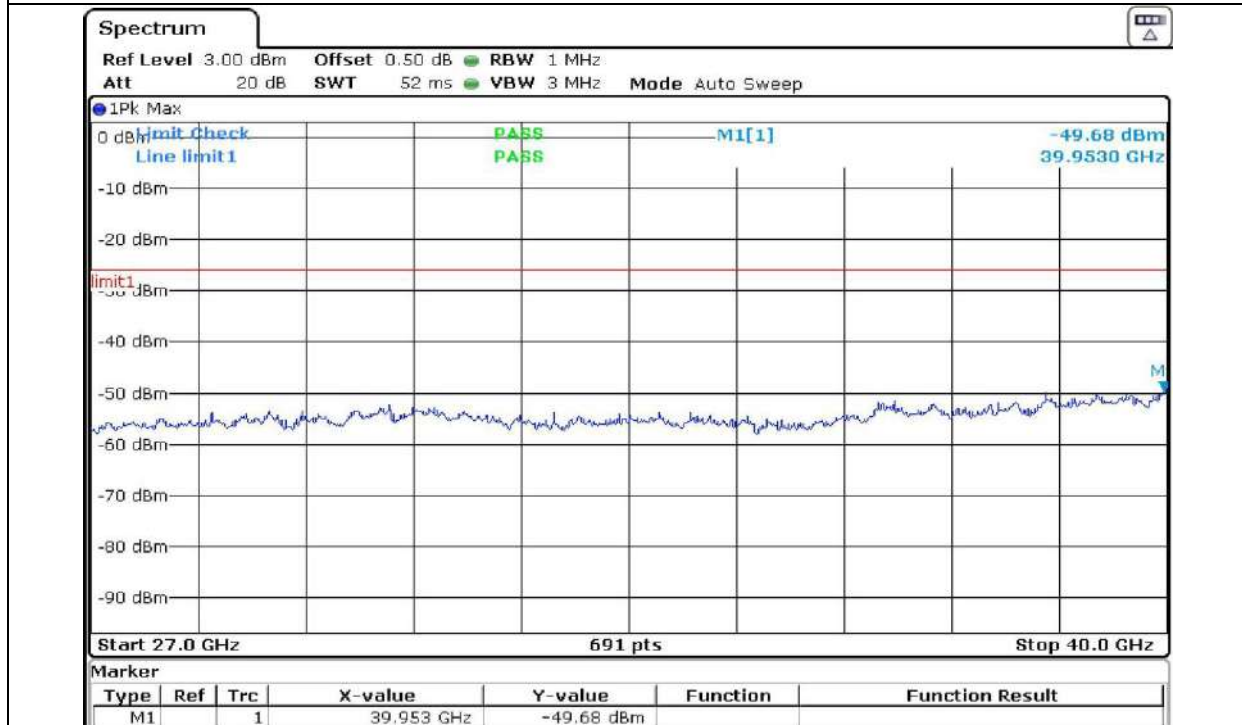
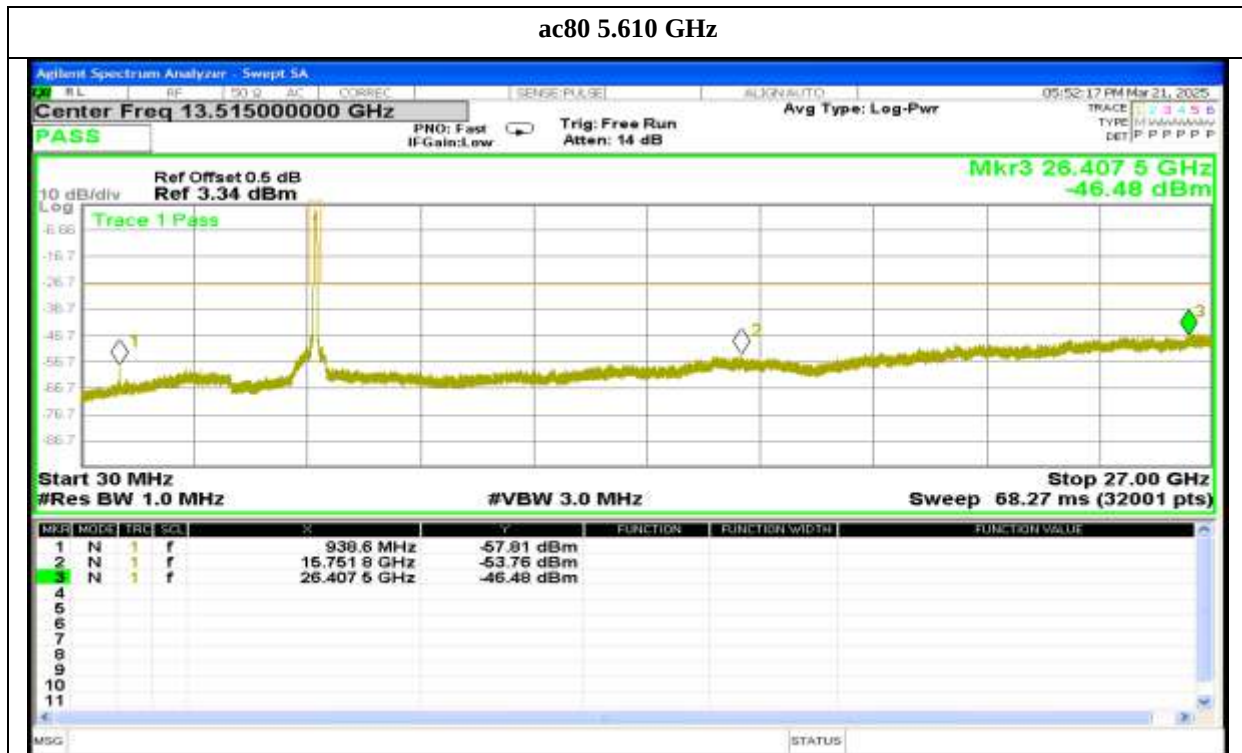
Report No.: AAEMT/RF/250131-01-02

ac80 5.530 GHz



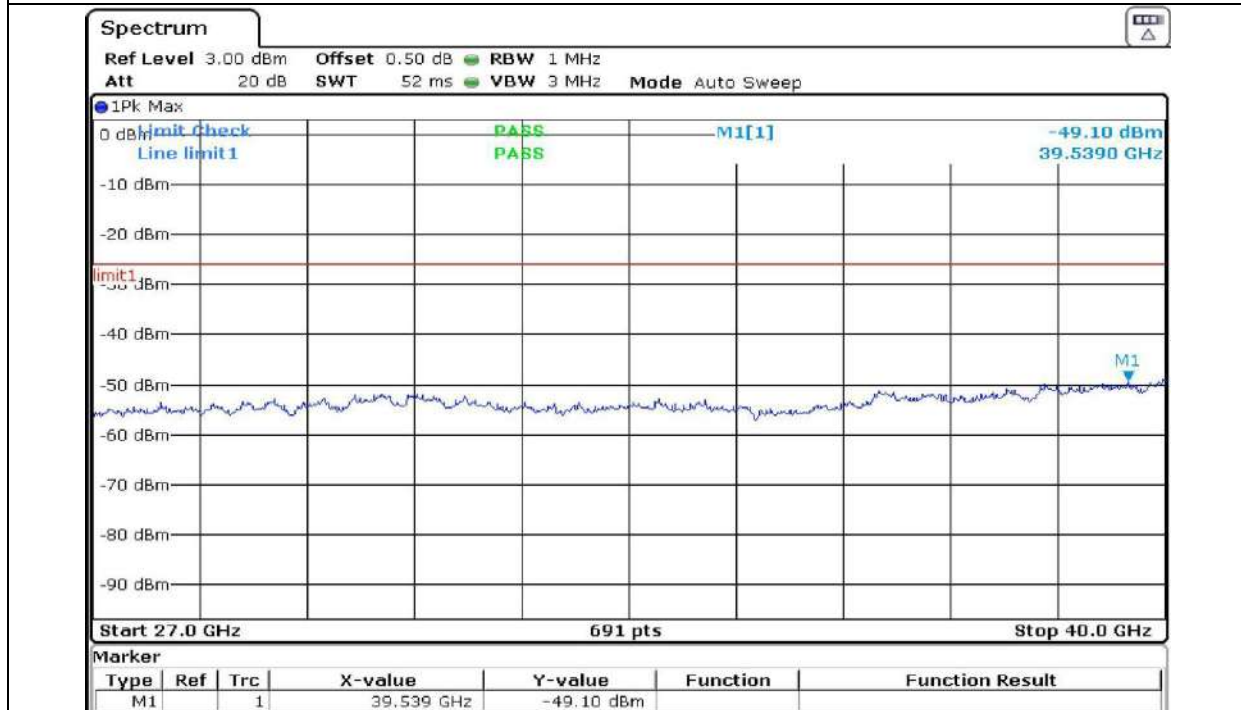
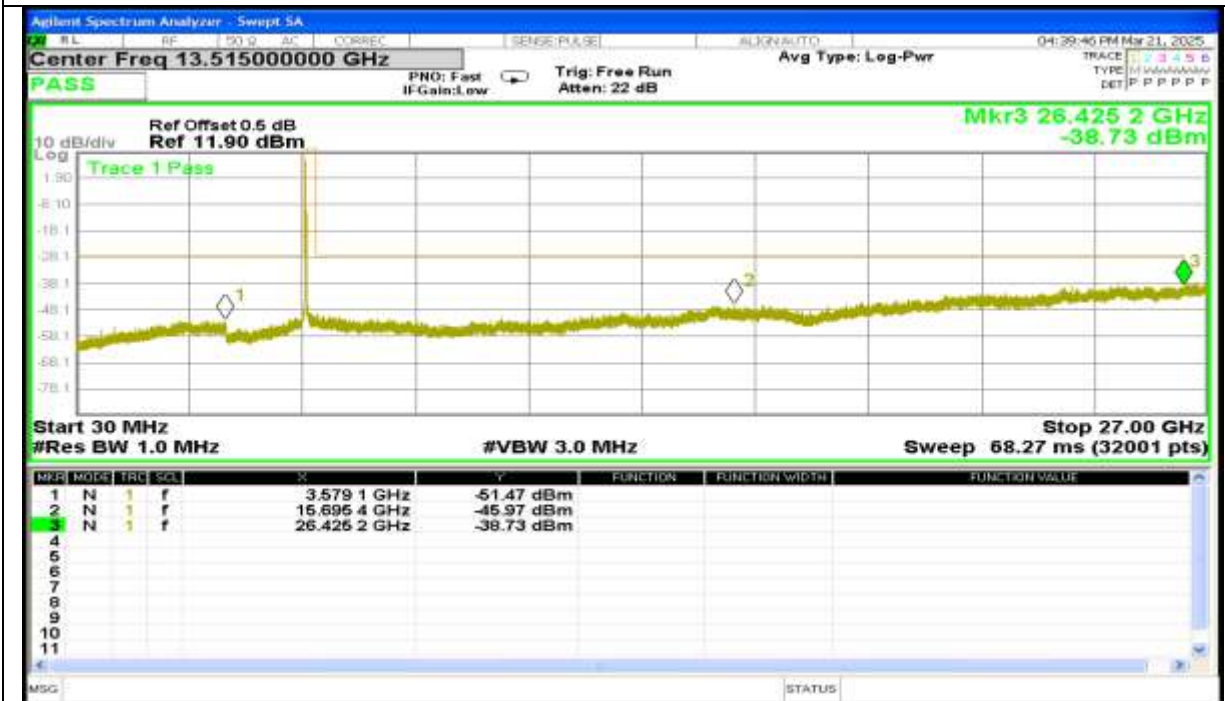
Report No.: AAEMT/RF/250131-01-02

ac80 5.610 GHz



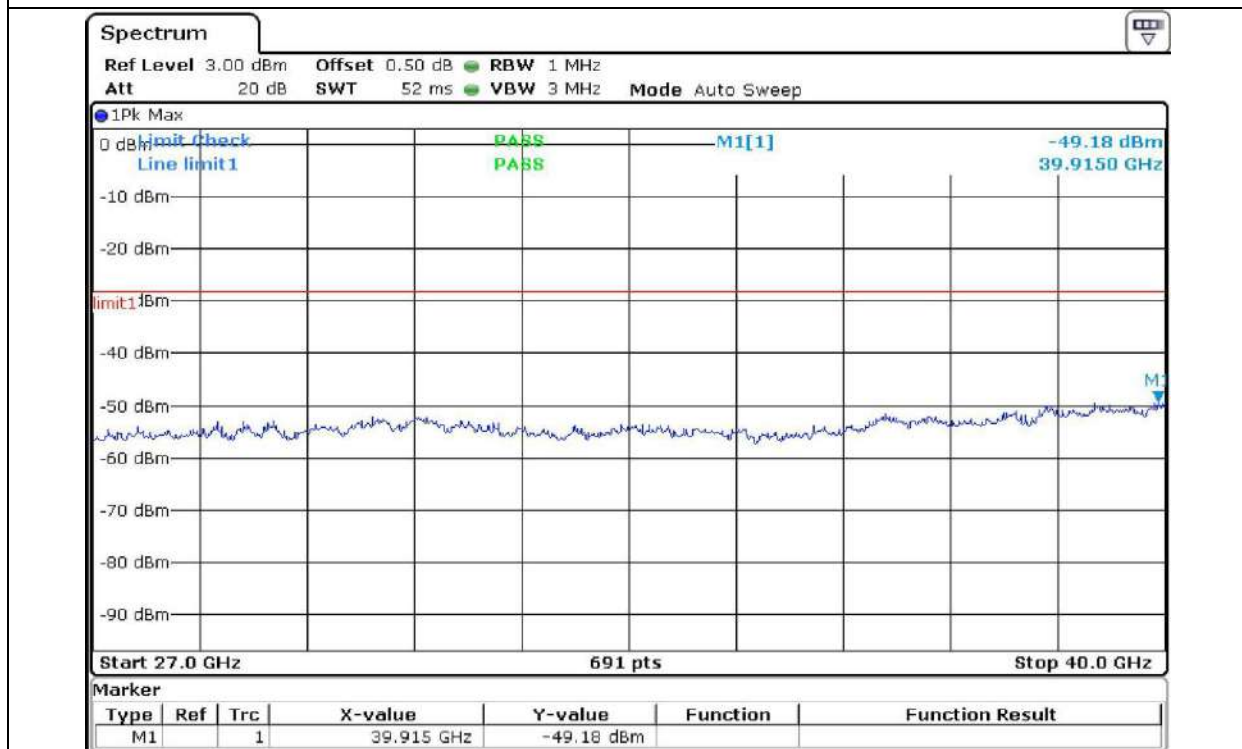
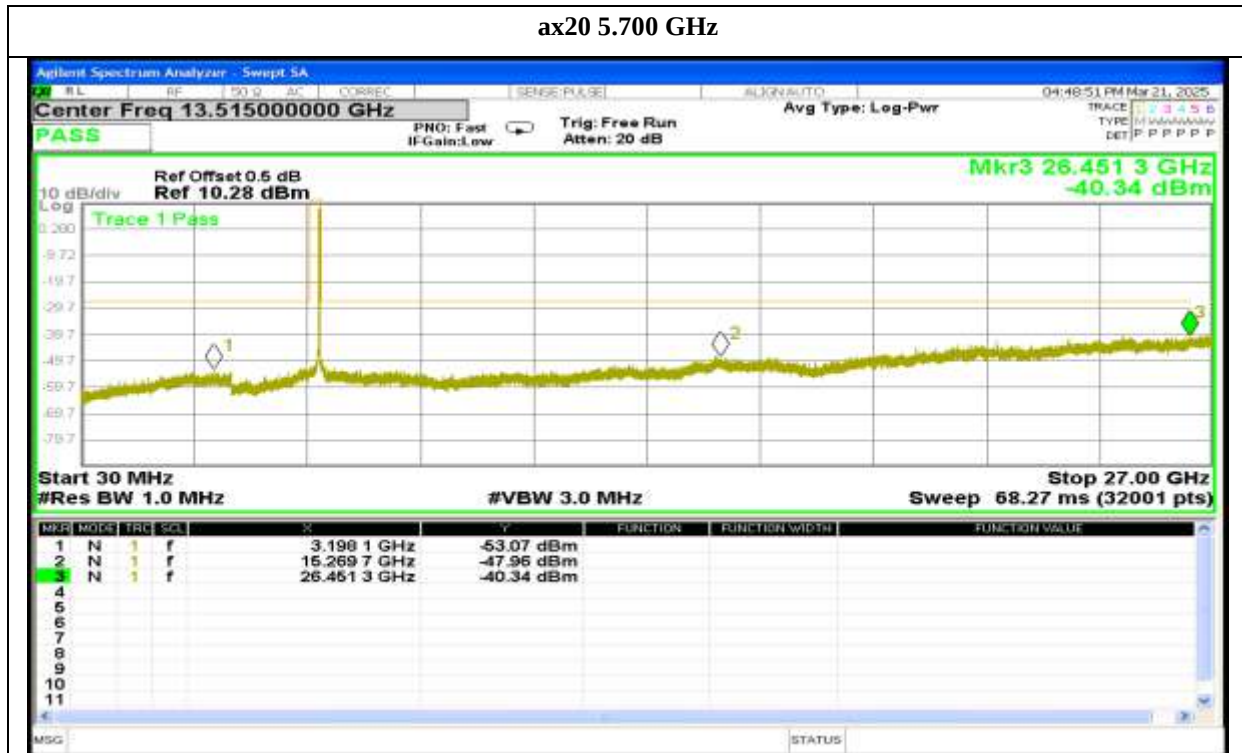
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ax20 5.500 GHz



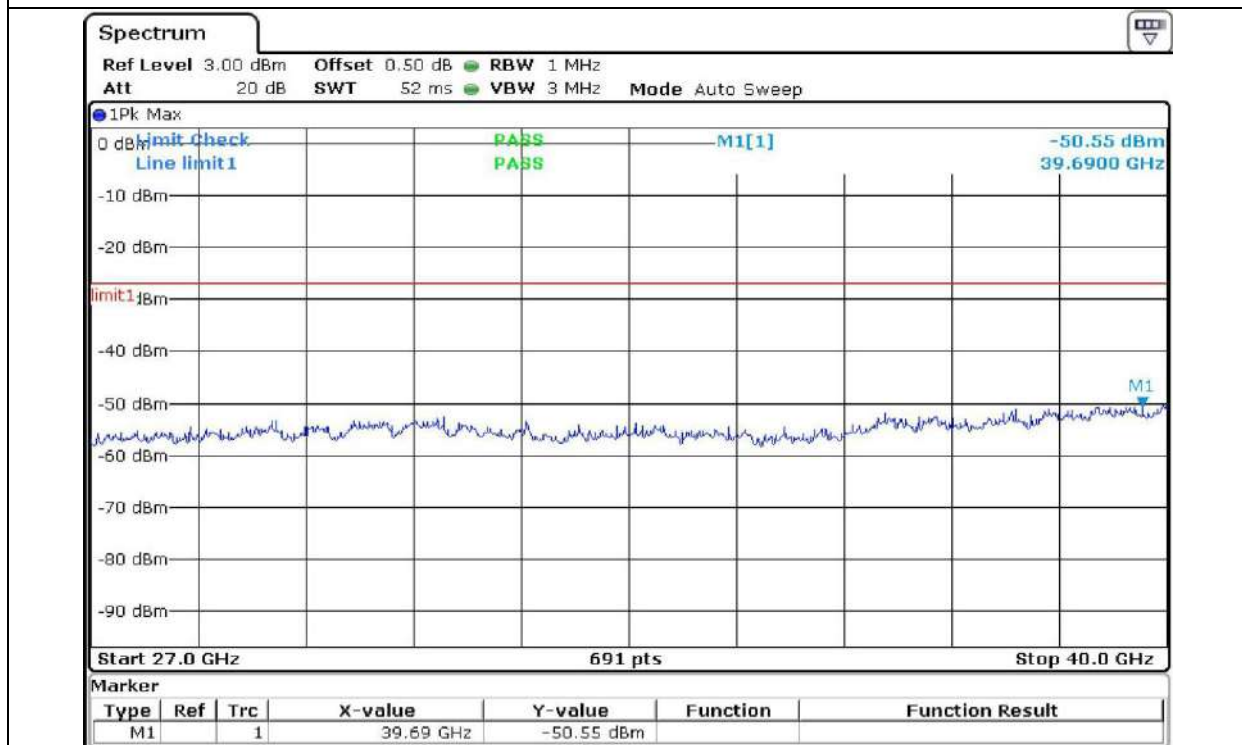
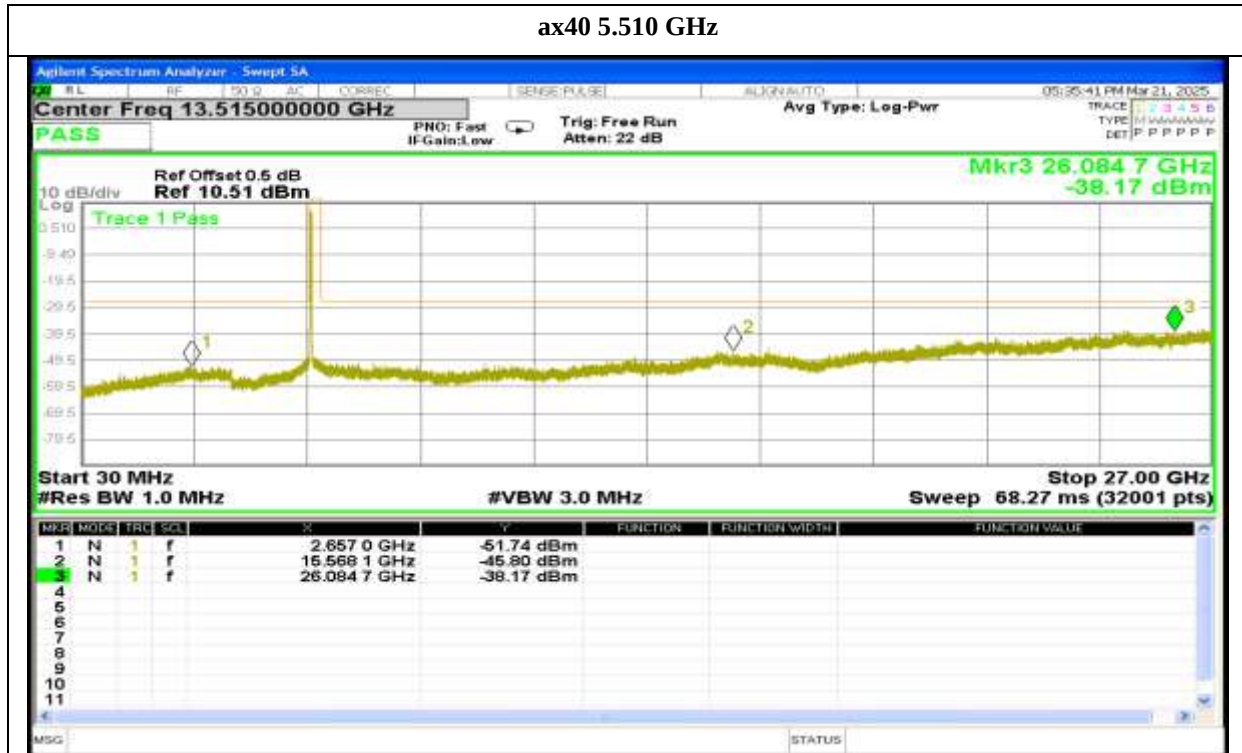
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ax20 5.700 GHz



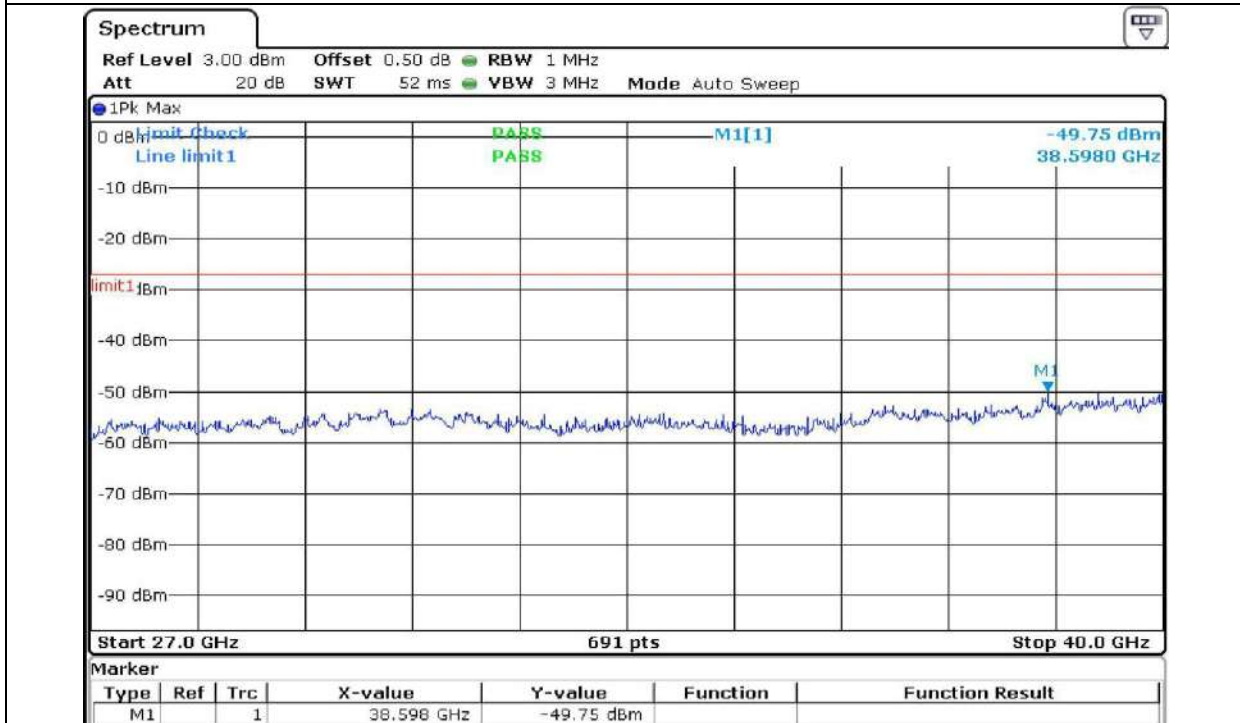
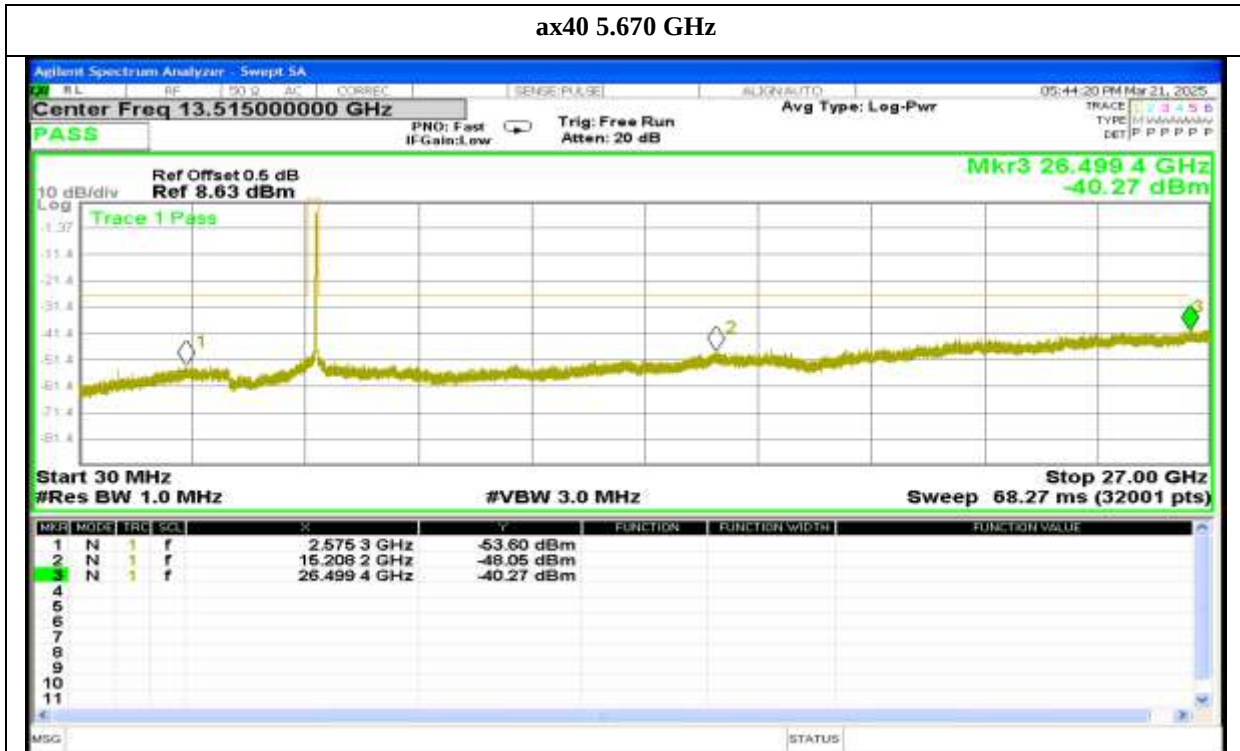
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ax40 5.510 GHz



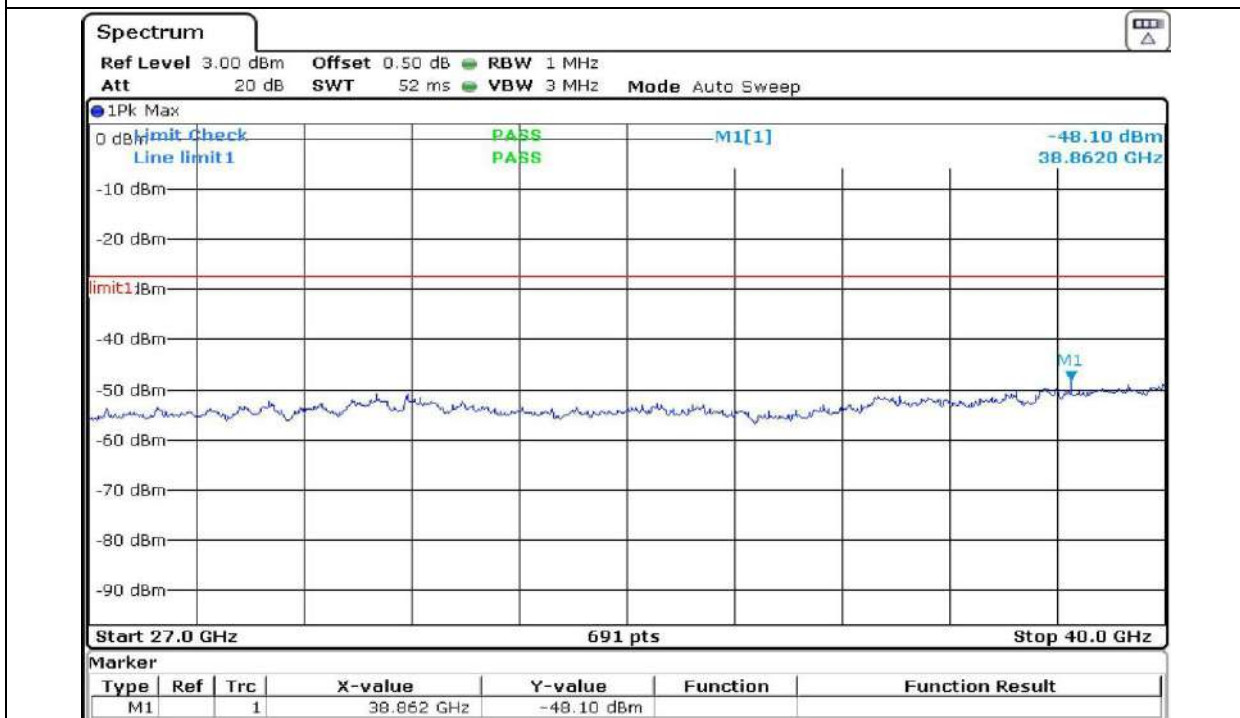
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ax40 5.670 GHz



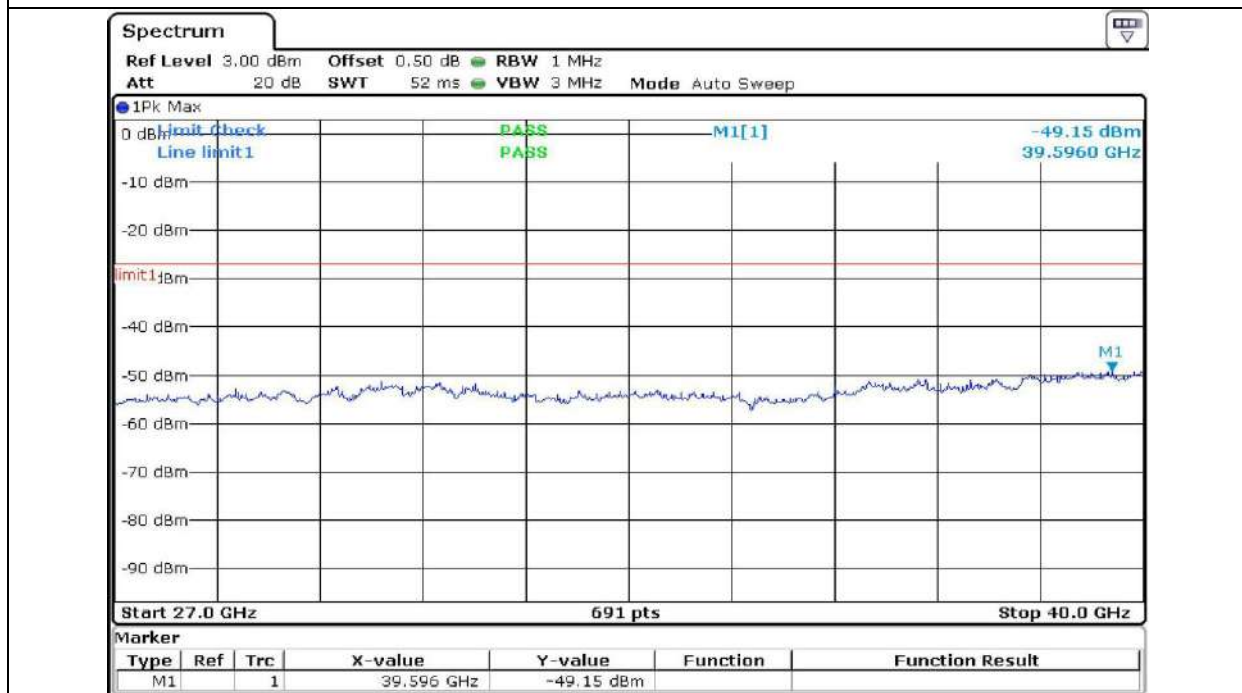
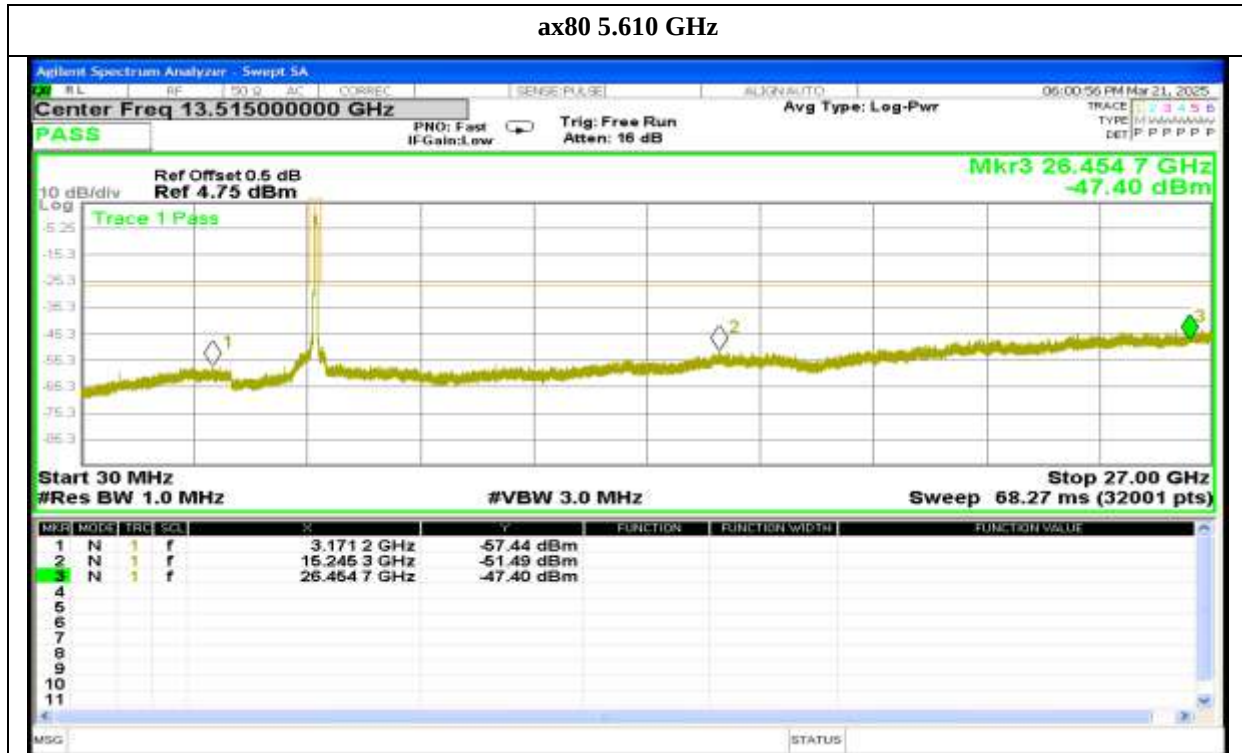
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ax80 5.530 GHz



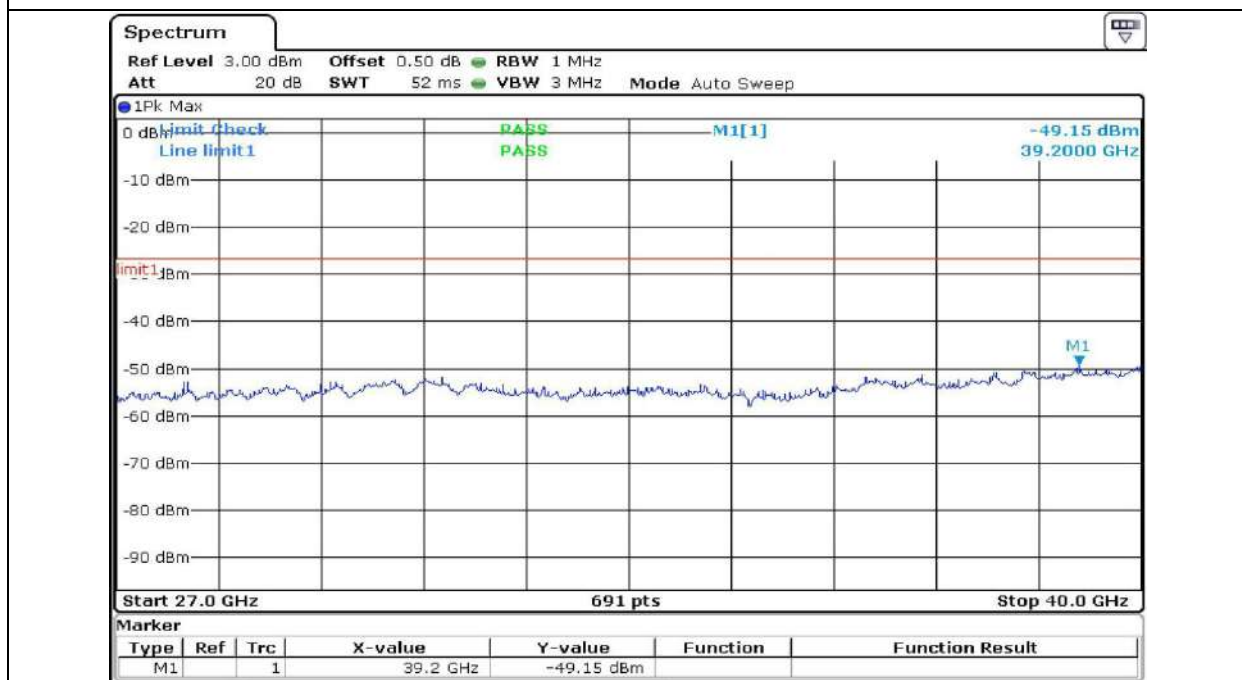
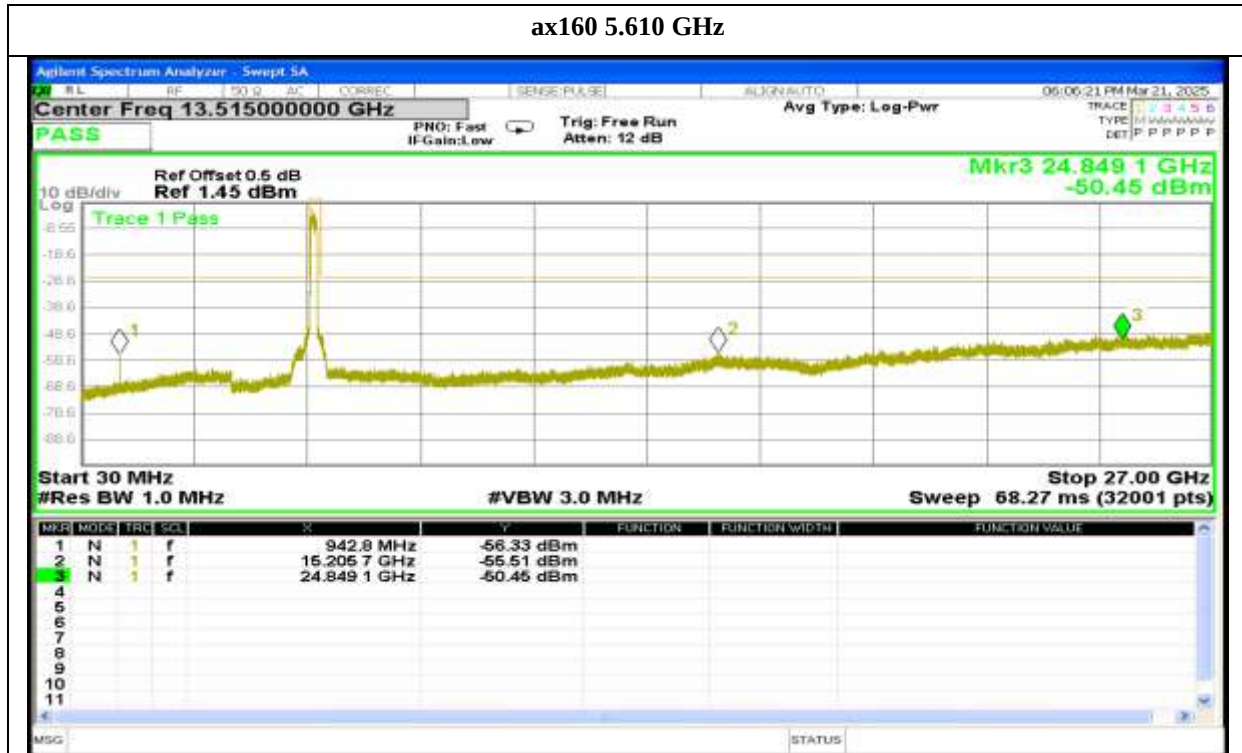
Report No.: AAEMT/RF/250131-01-02

ax80 5.610 GHz



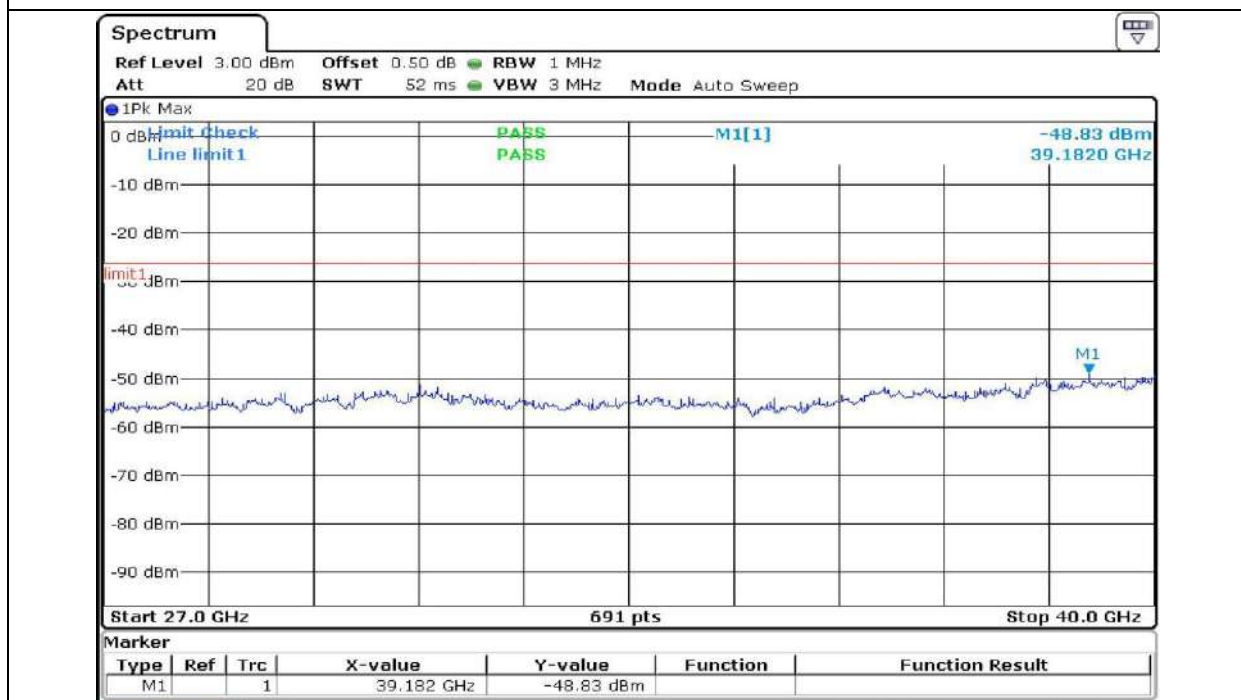
Report No.: AAEMT/RF/250131-01-02

ax160 5.610 GHz



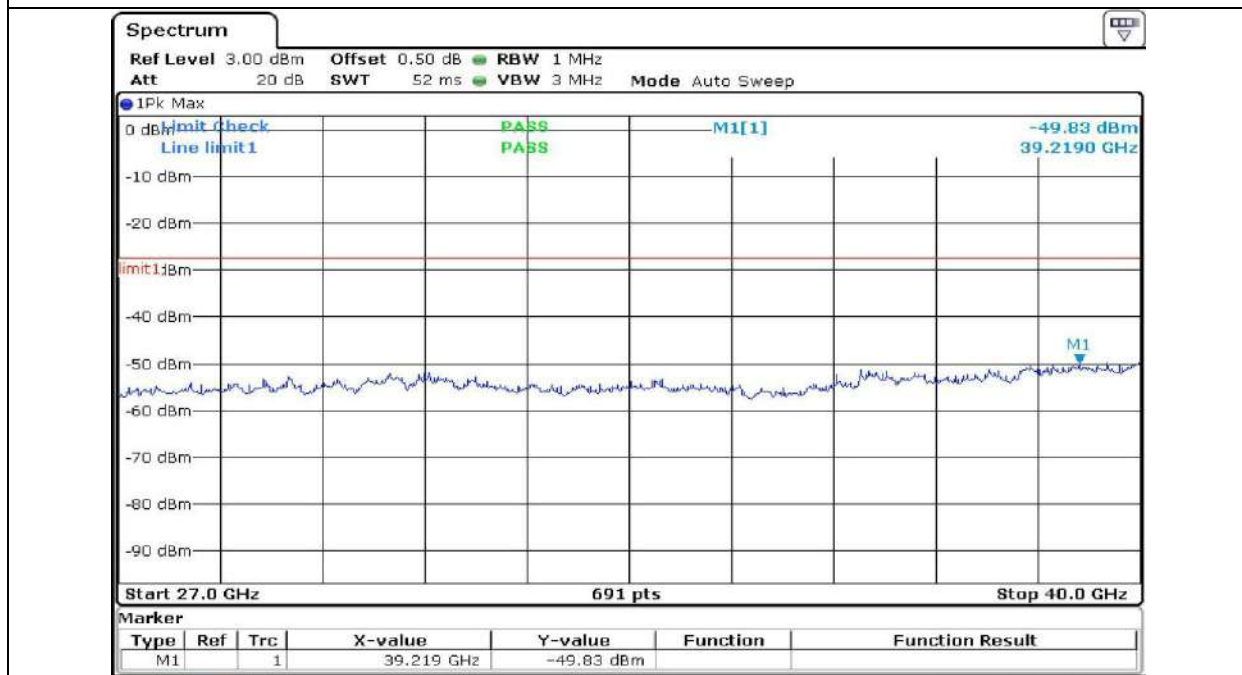
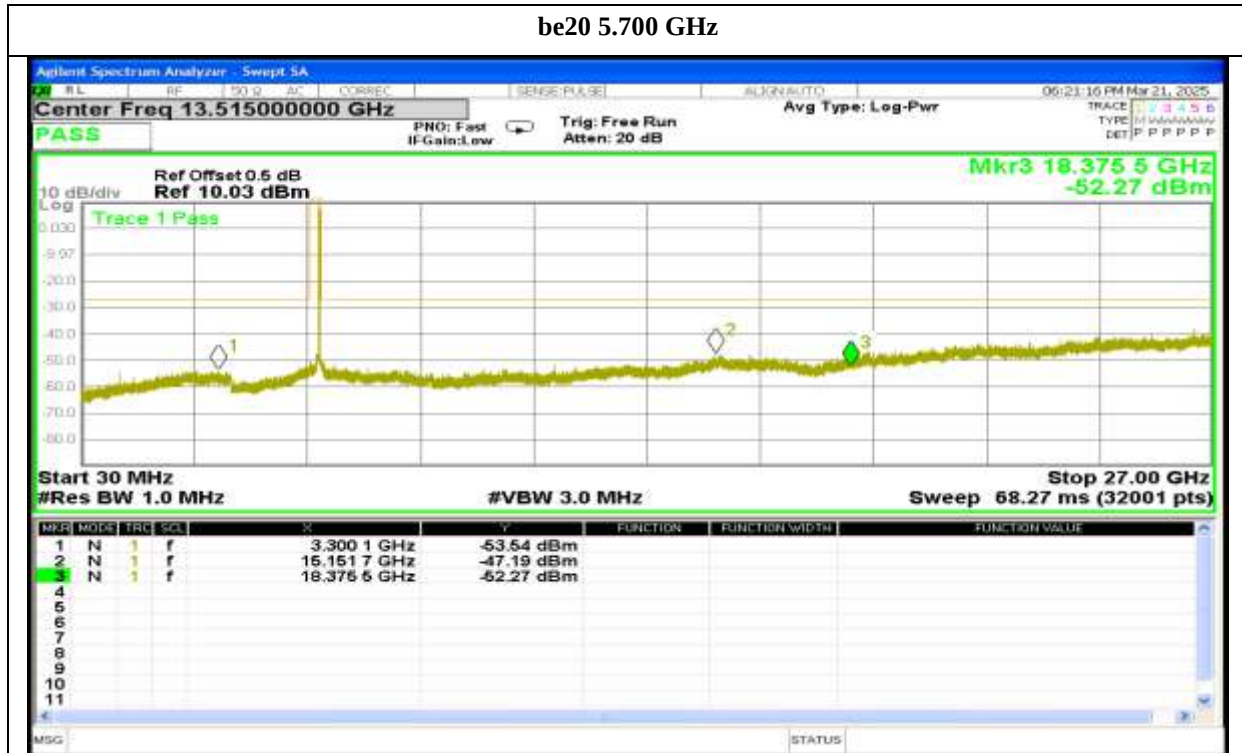
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be20 5.500 GHz



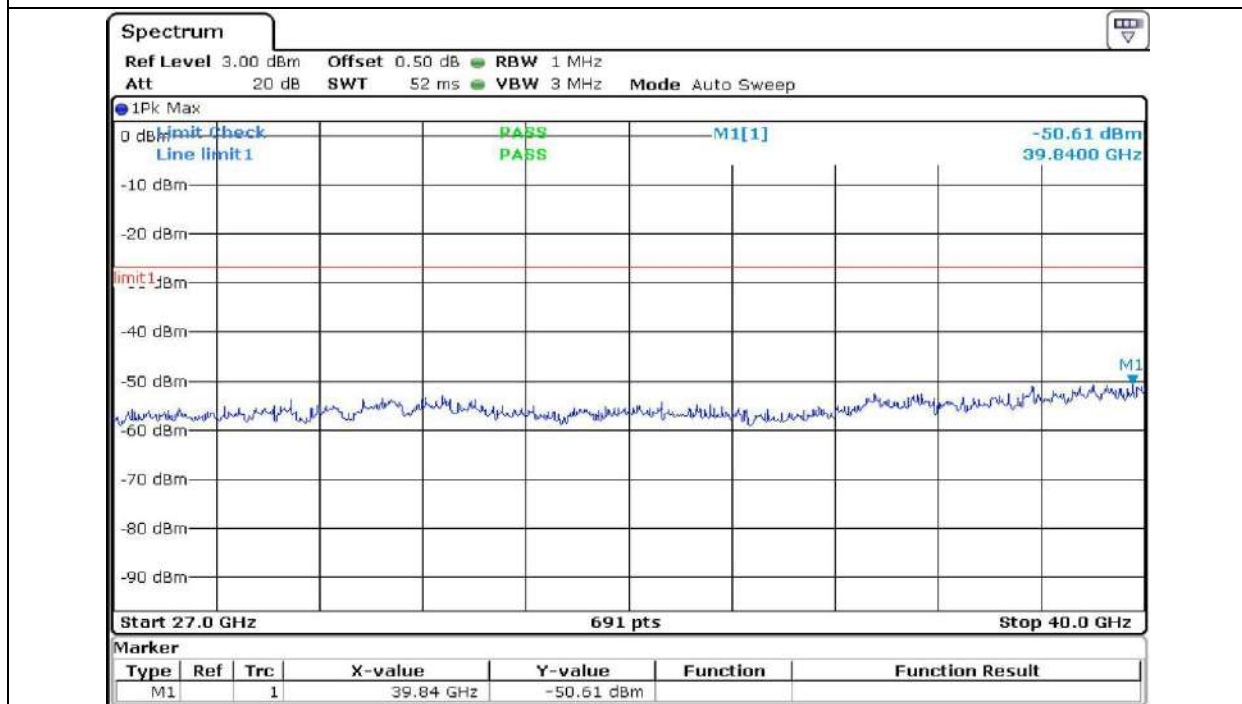
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be20 5.700 GHz



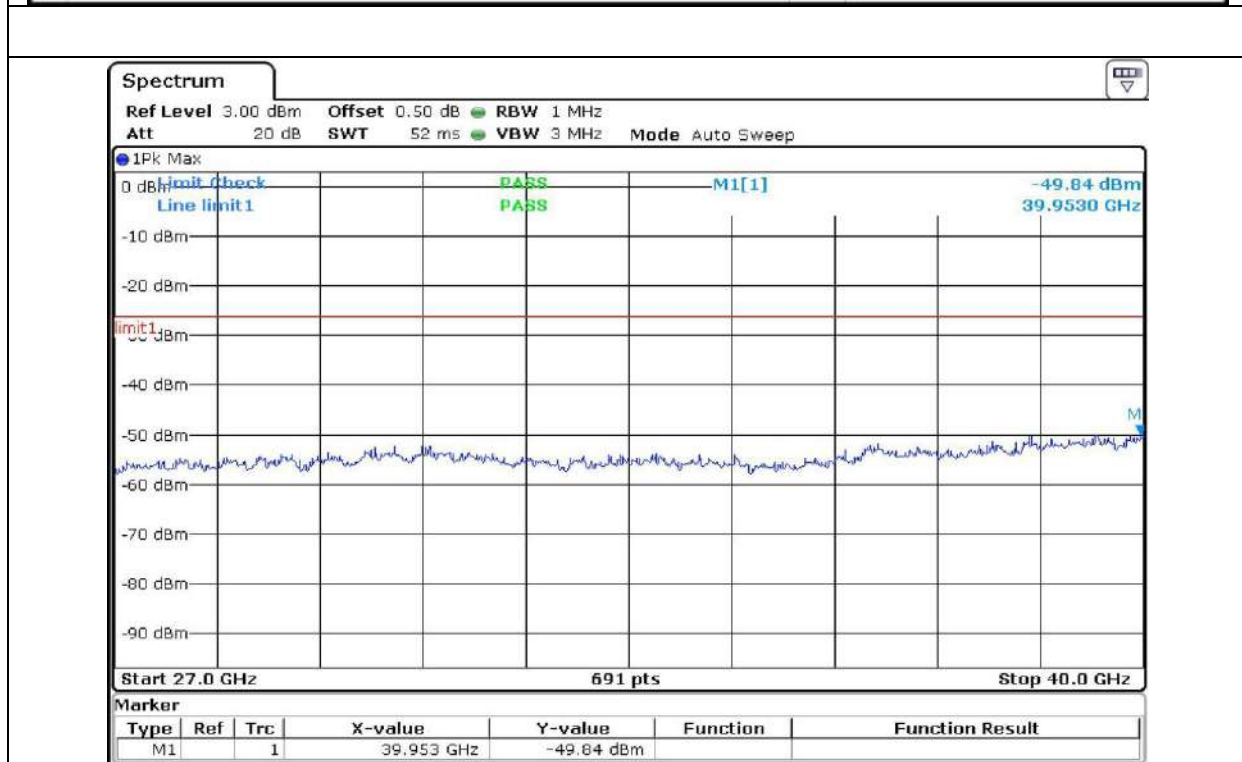
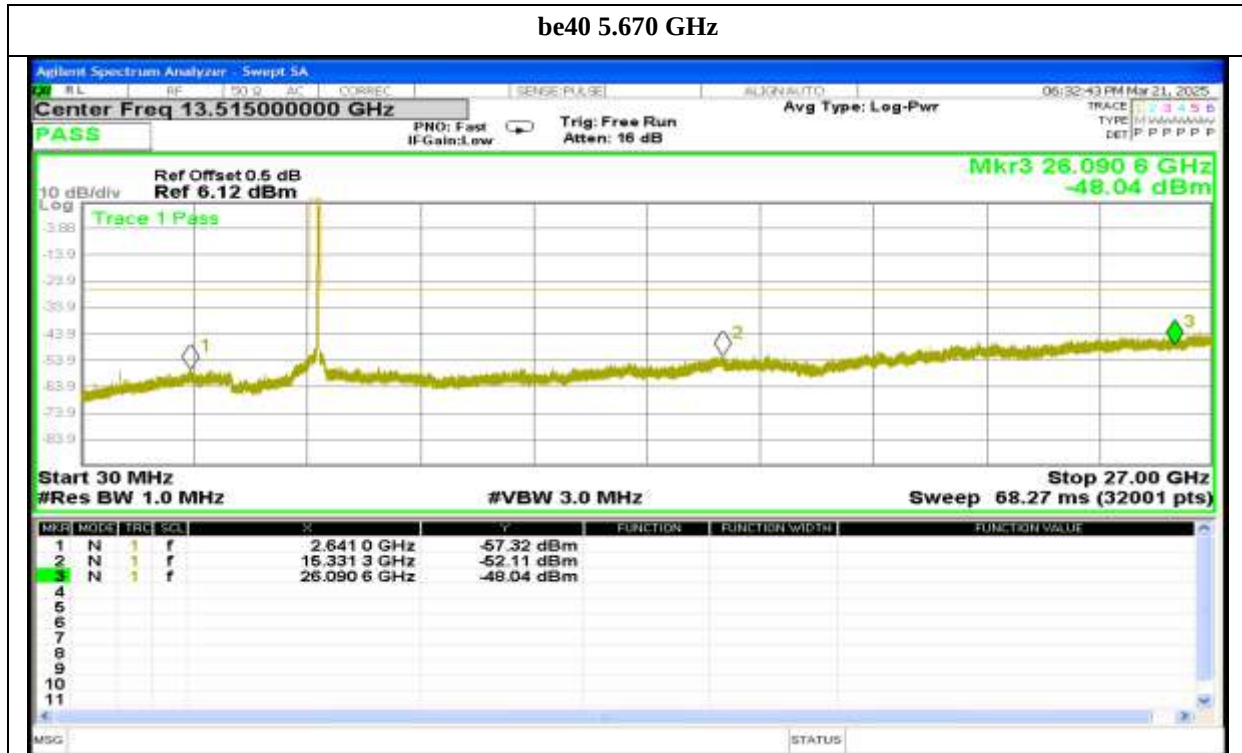
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be40 5.510 GHz



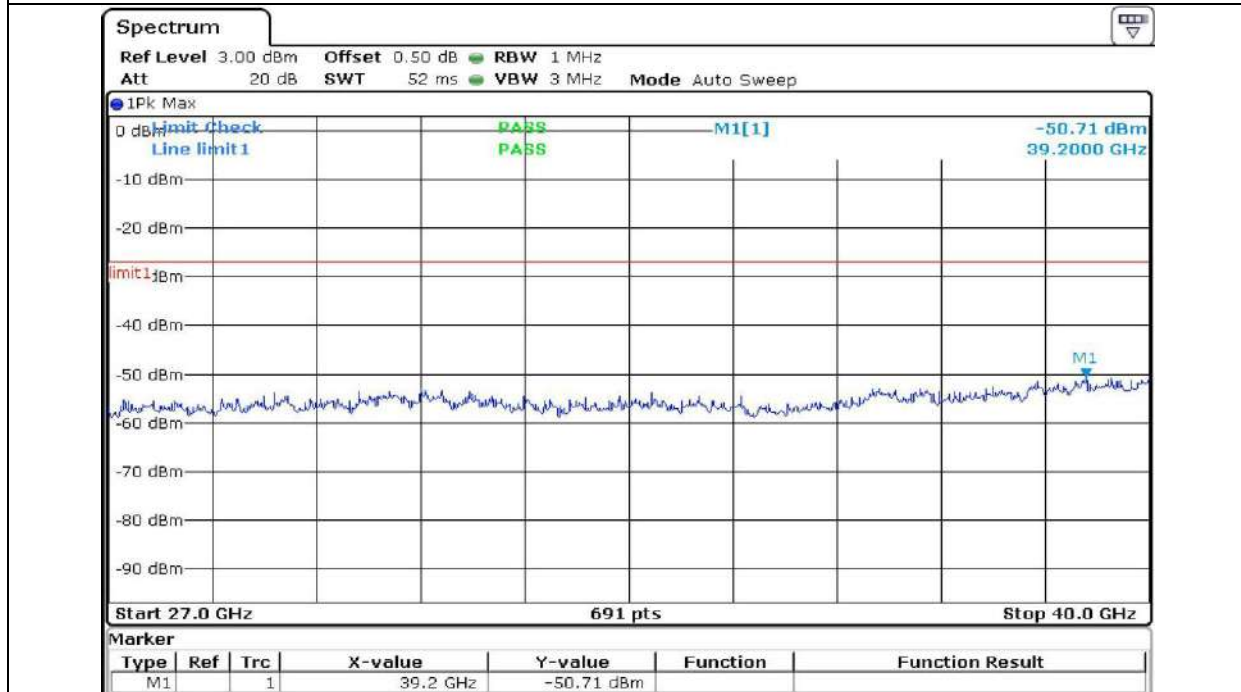
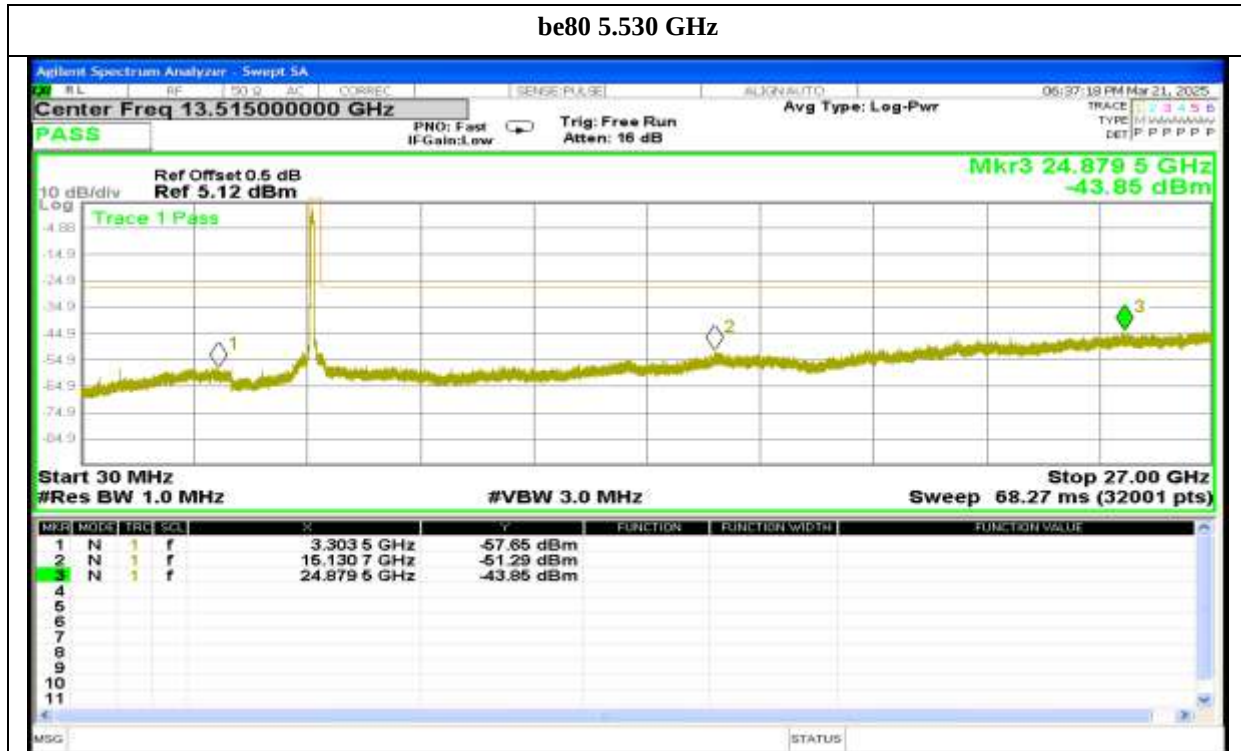
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be40 5.670 GHz



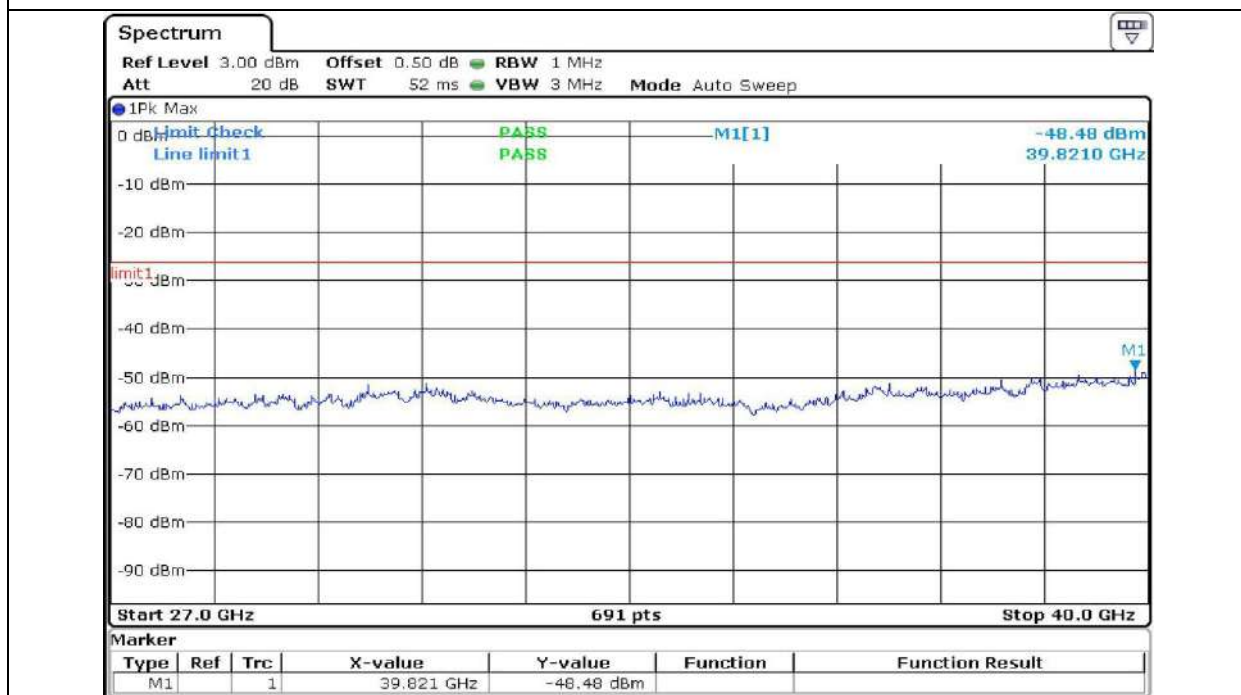
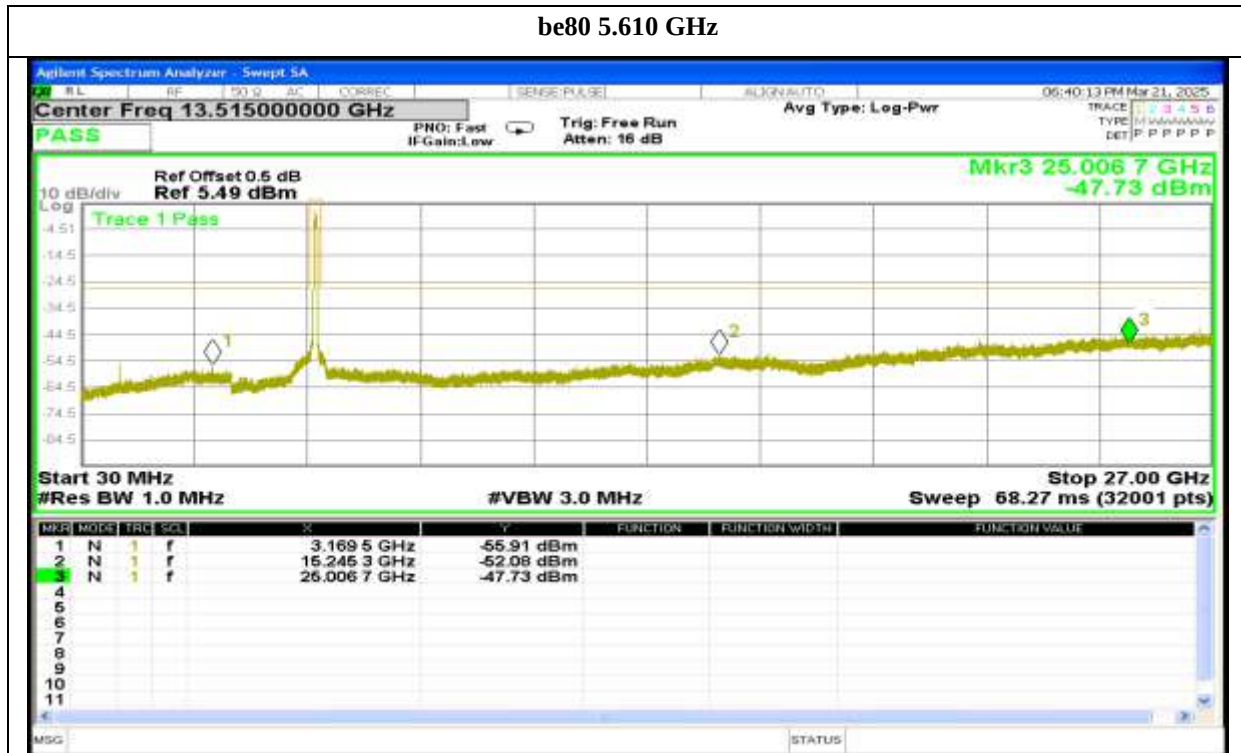
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be80 5.530 GHz



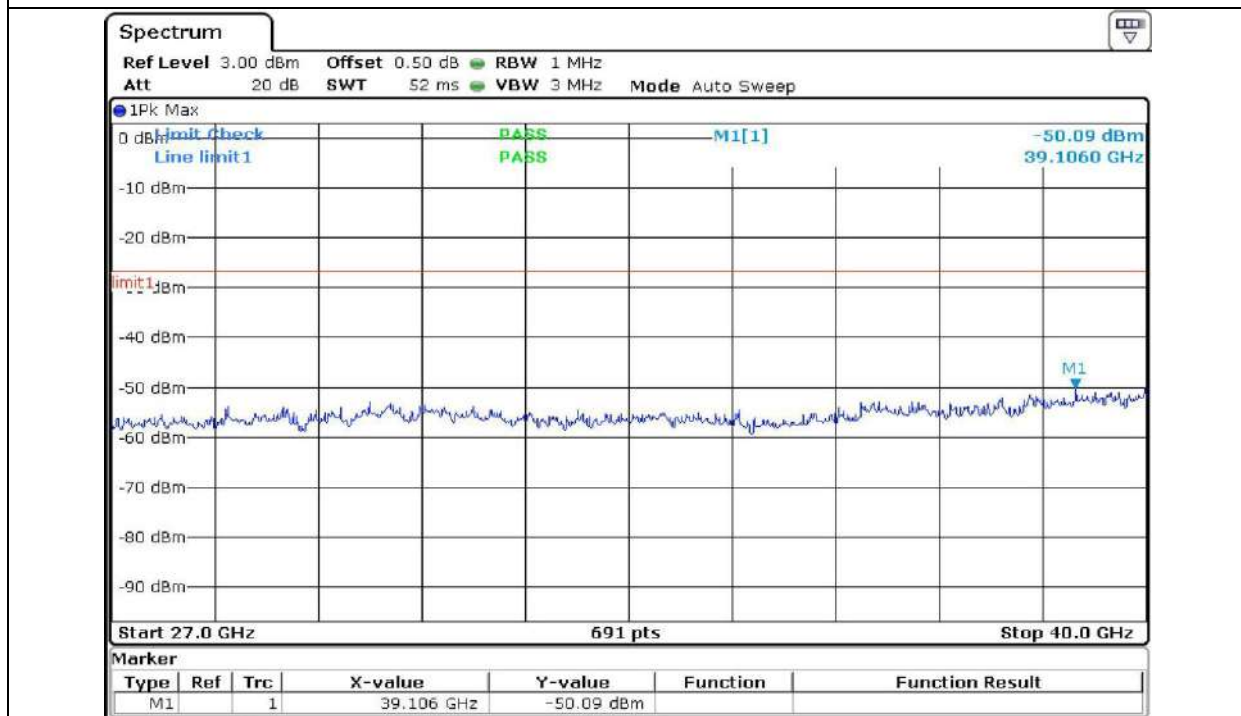
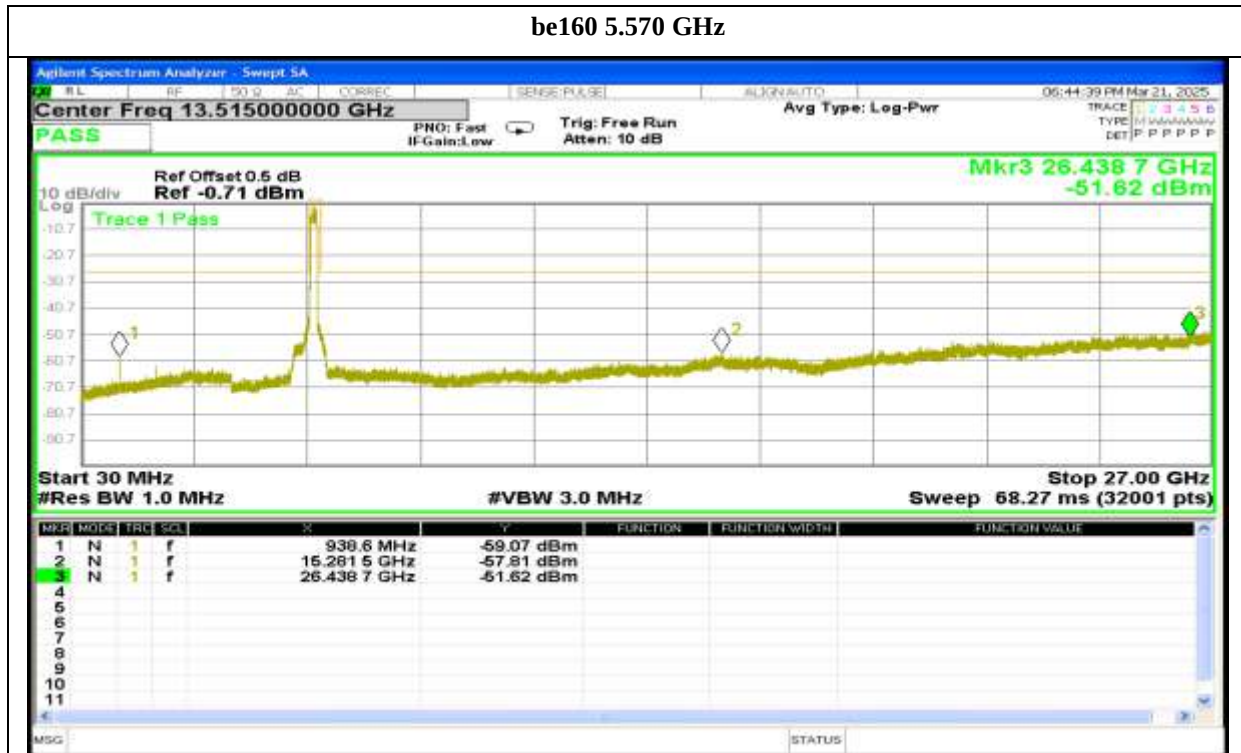
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be80 5.610 GHz



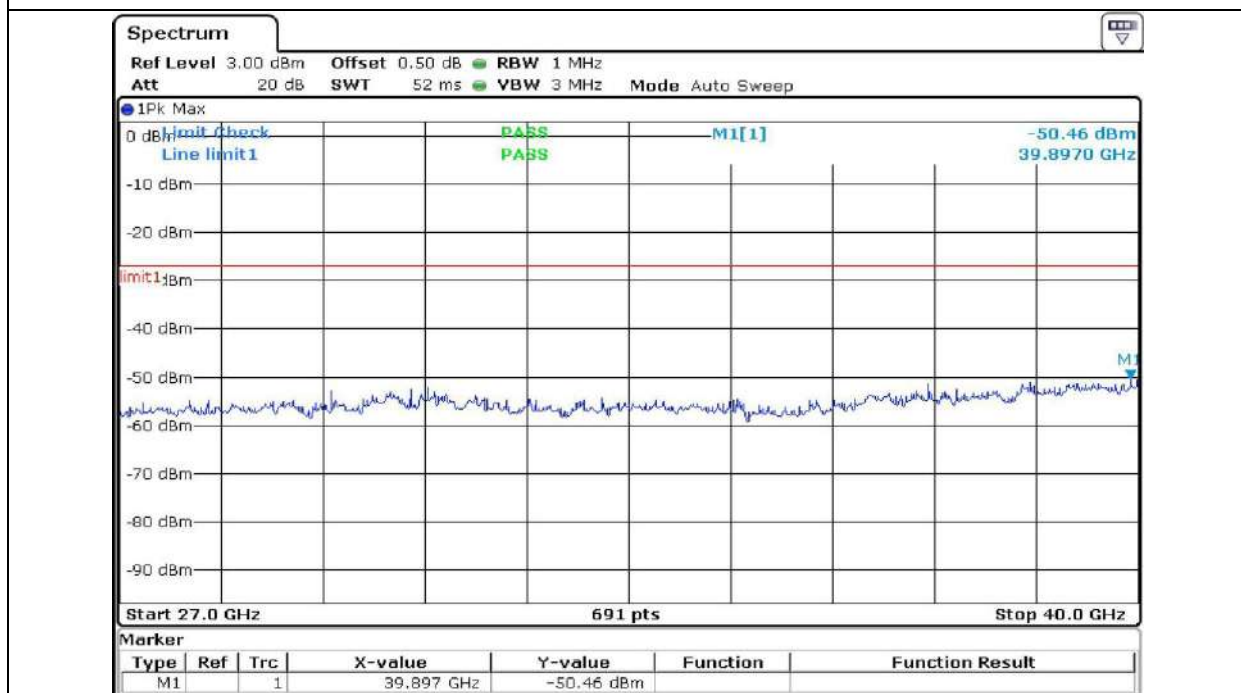
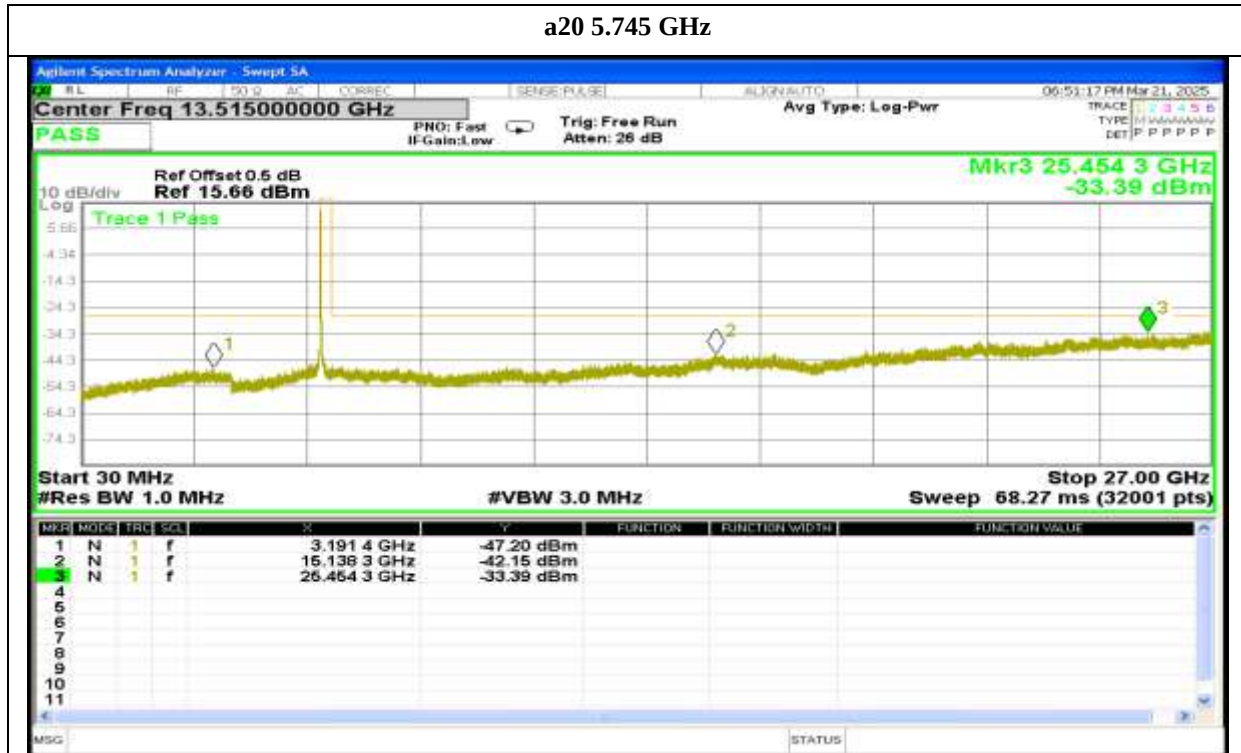
Report No.: AAEMT/RF/250131-01-02

be160 5.570 GHz



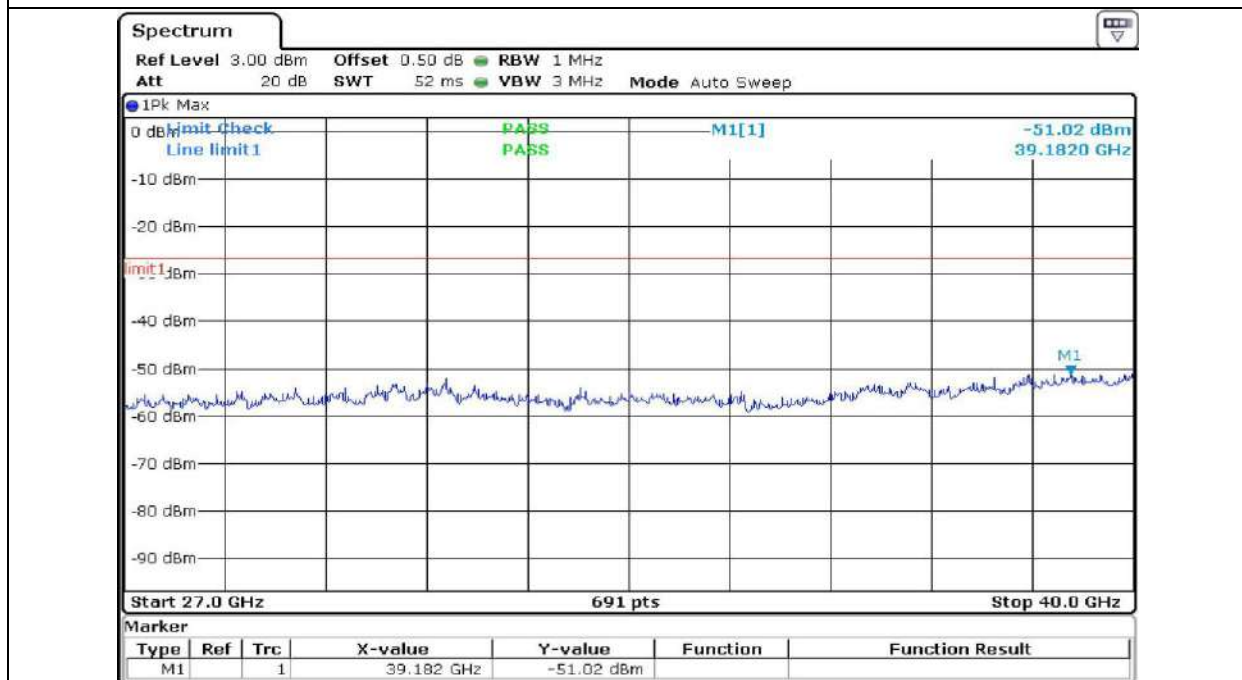
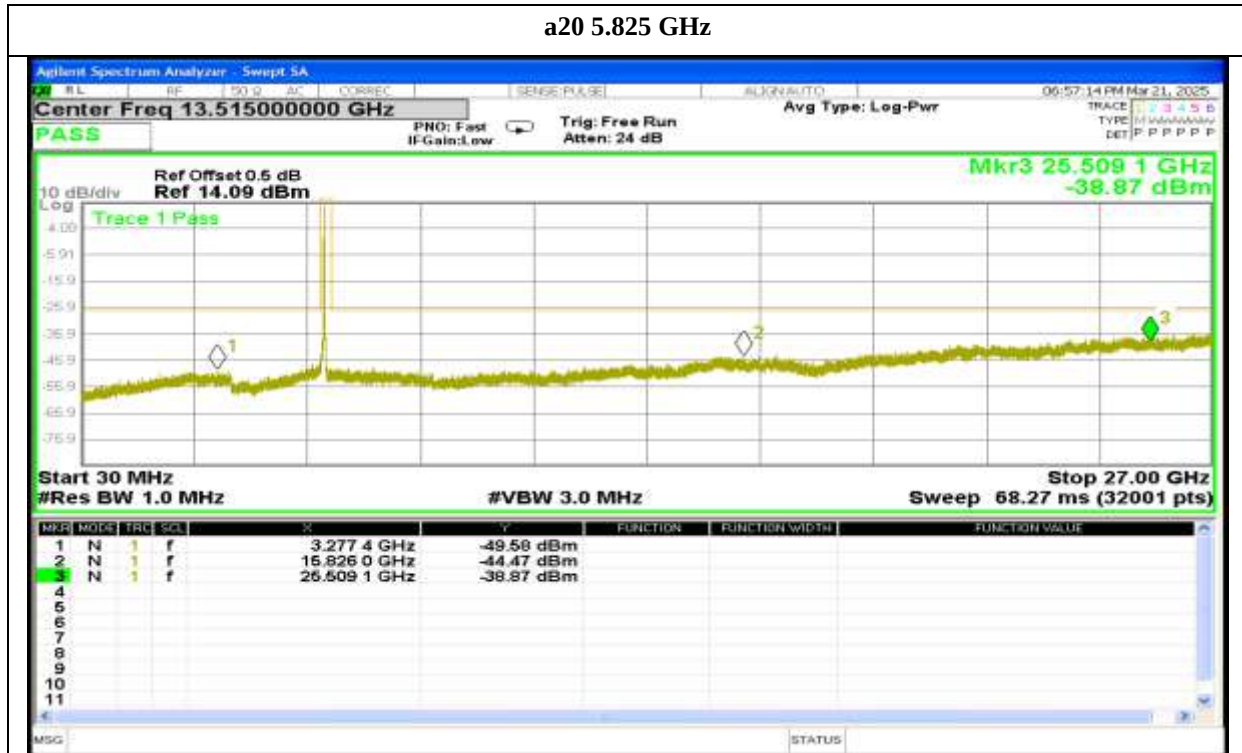
Report No.: AAEMT/RF/250131-01-02

a20 5.745 GHz



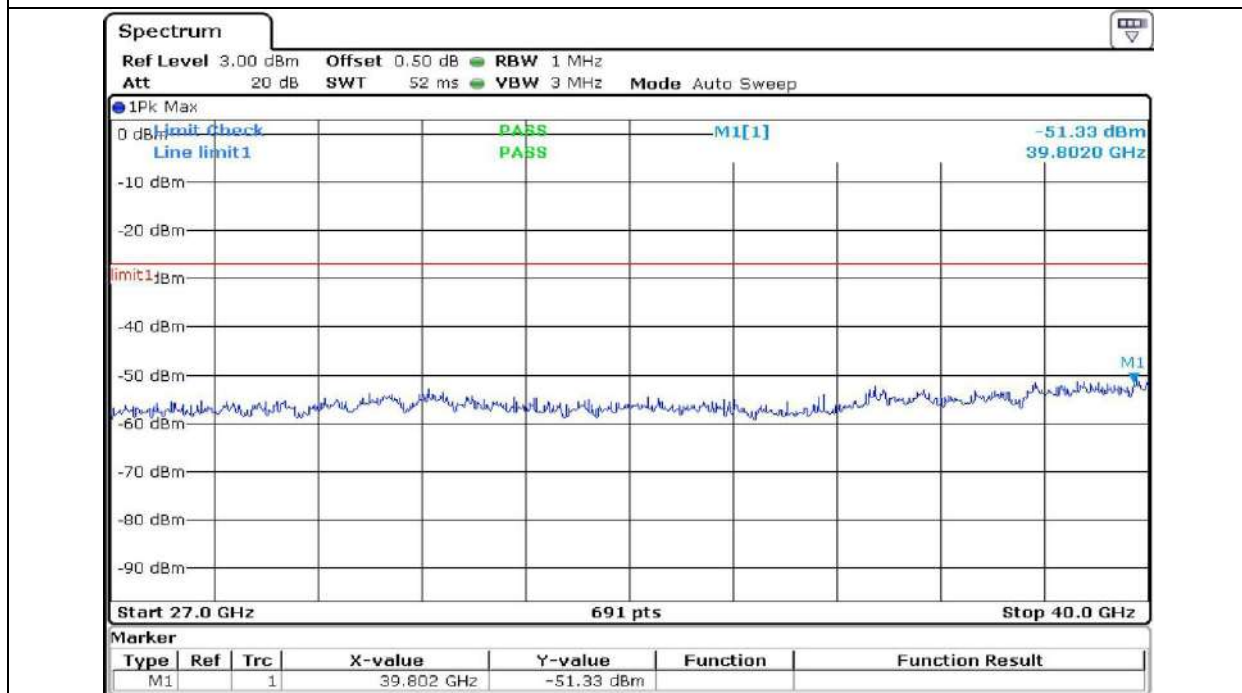
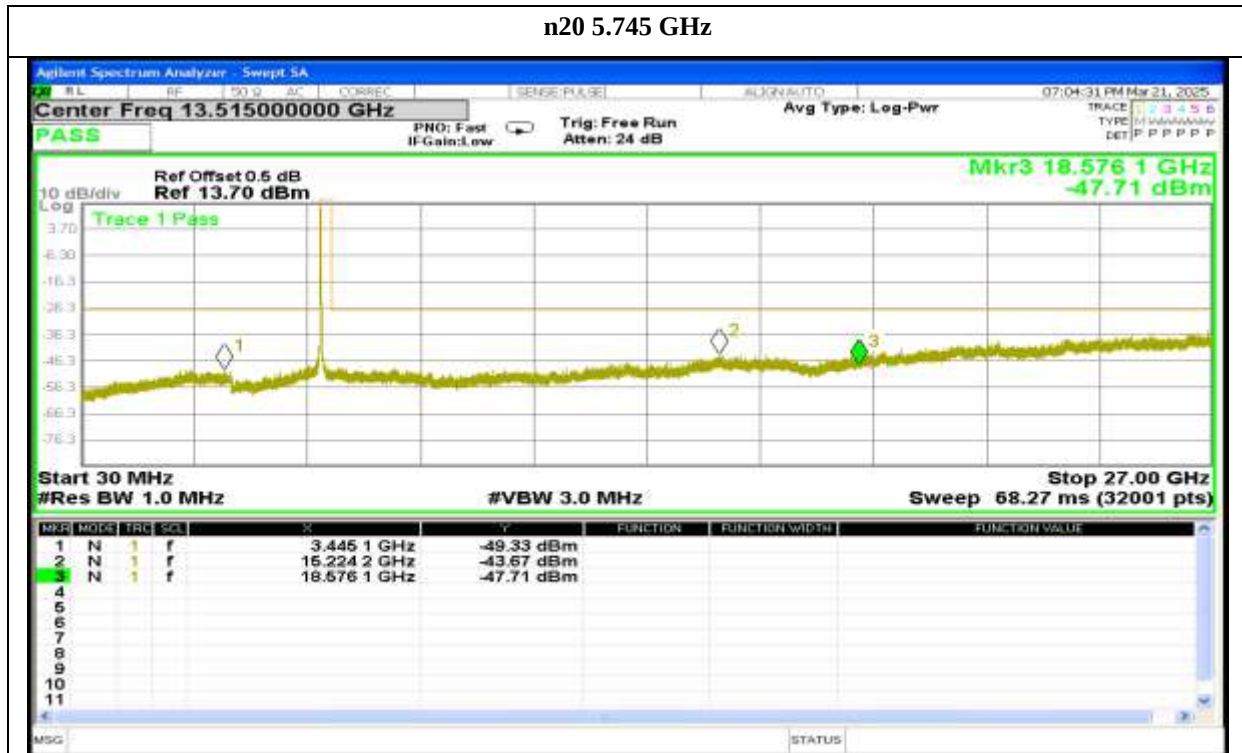
Report No.: AAEMT/RF/250131-01-02

a20 5.825 GHz



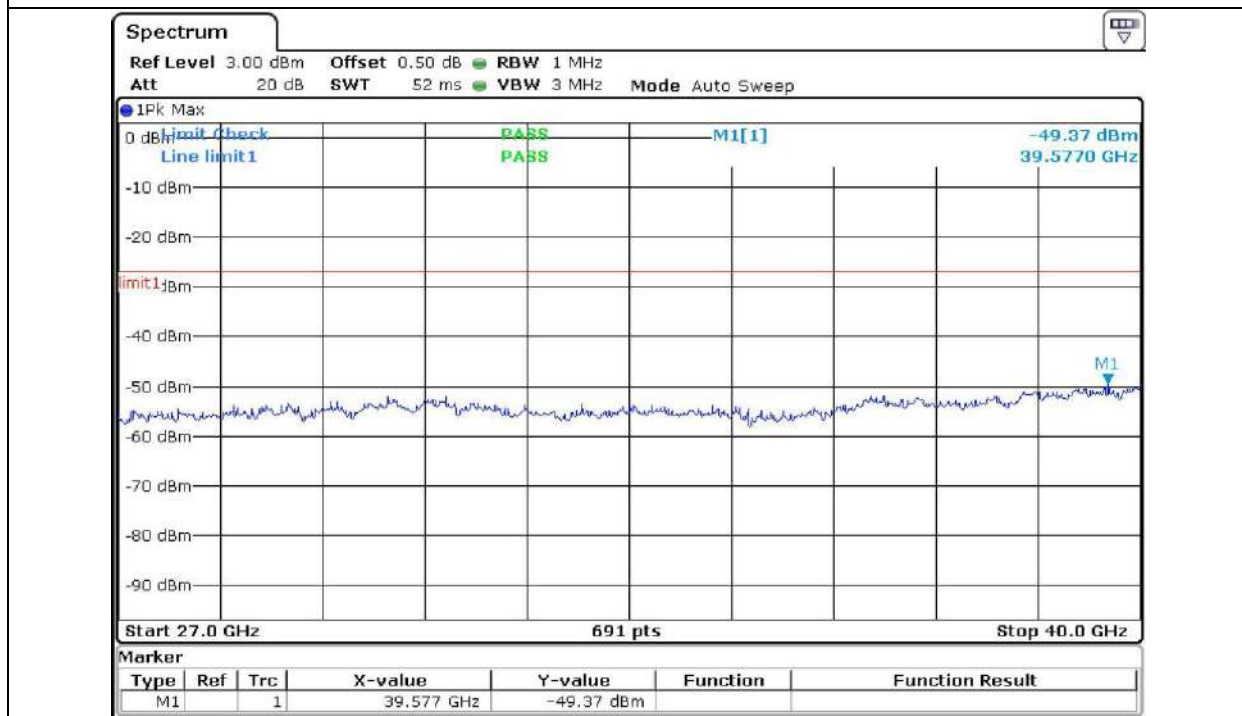
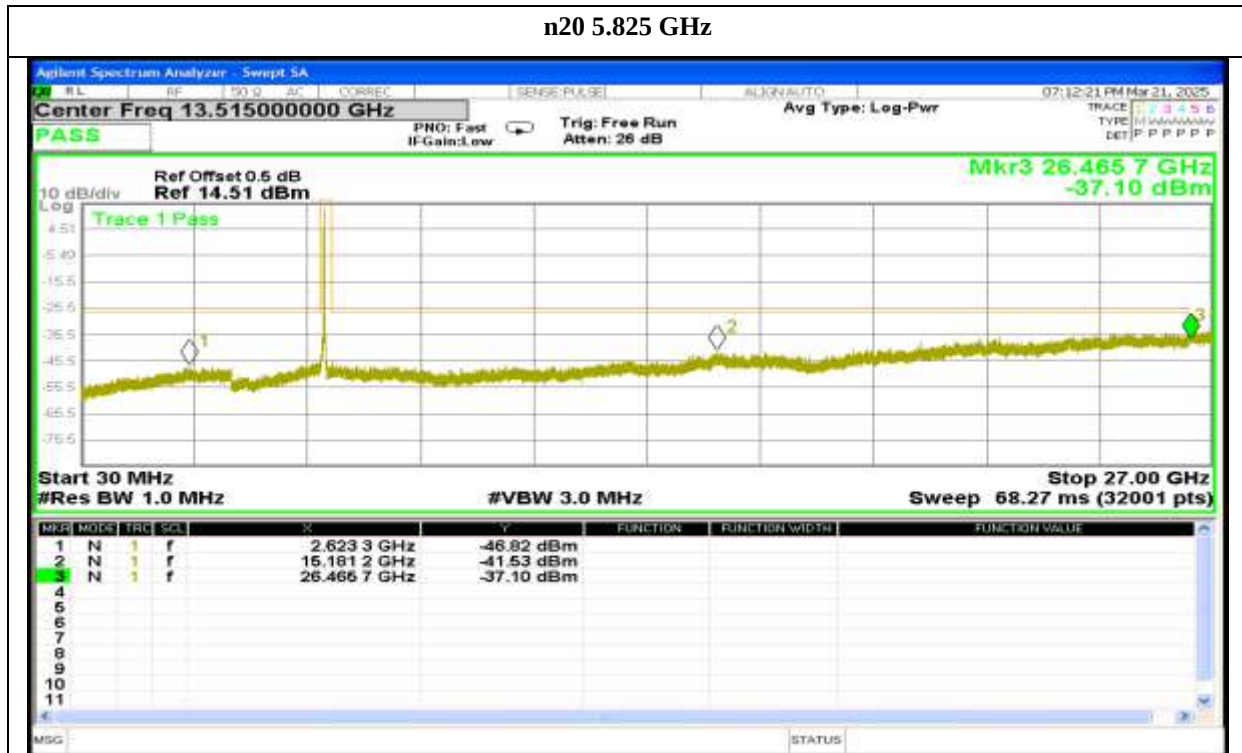
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n20 5.745 GHz



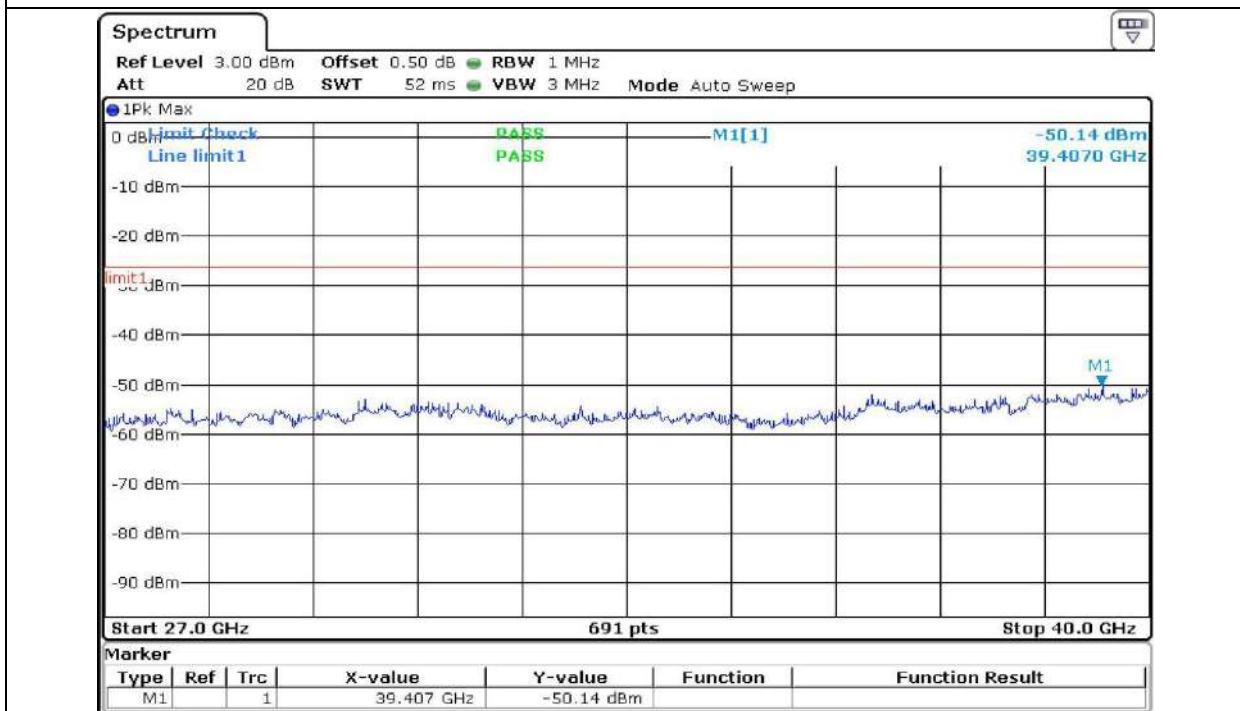
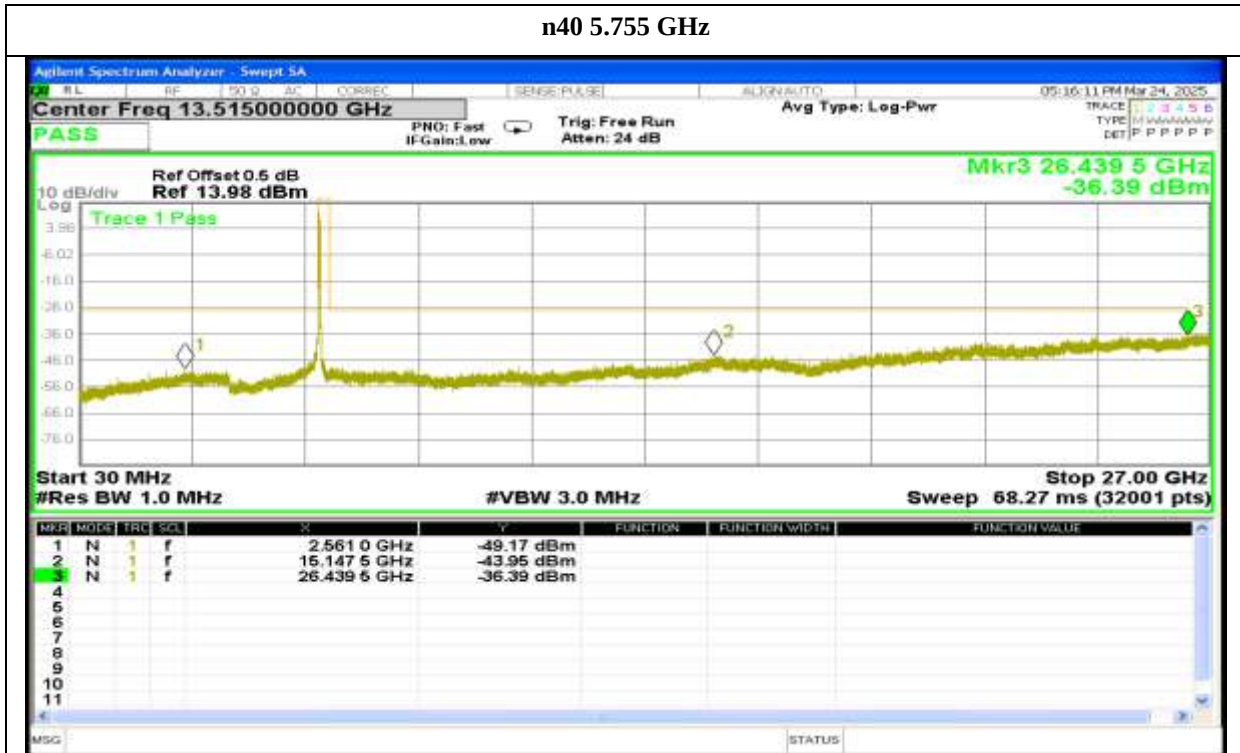
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n20 5.825 GHz



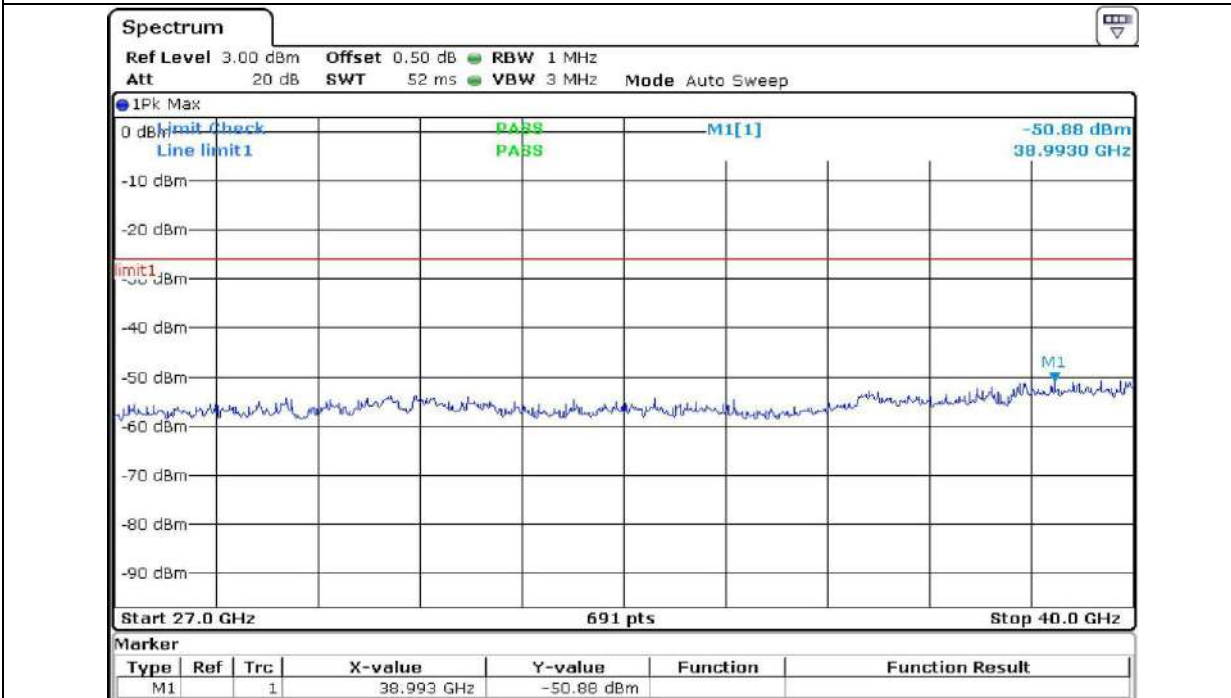
Report No.: AAEMT/RF/250131-01-02

n40 5.755 GHz



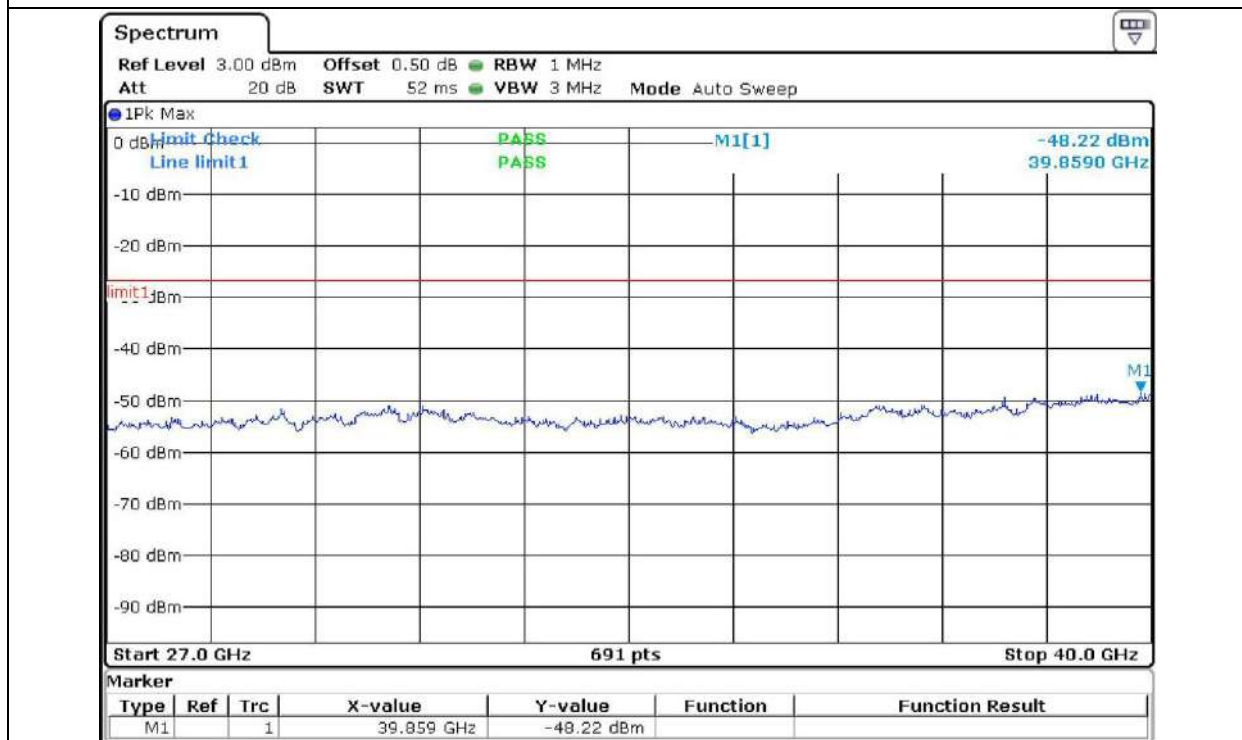
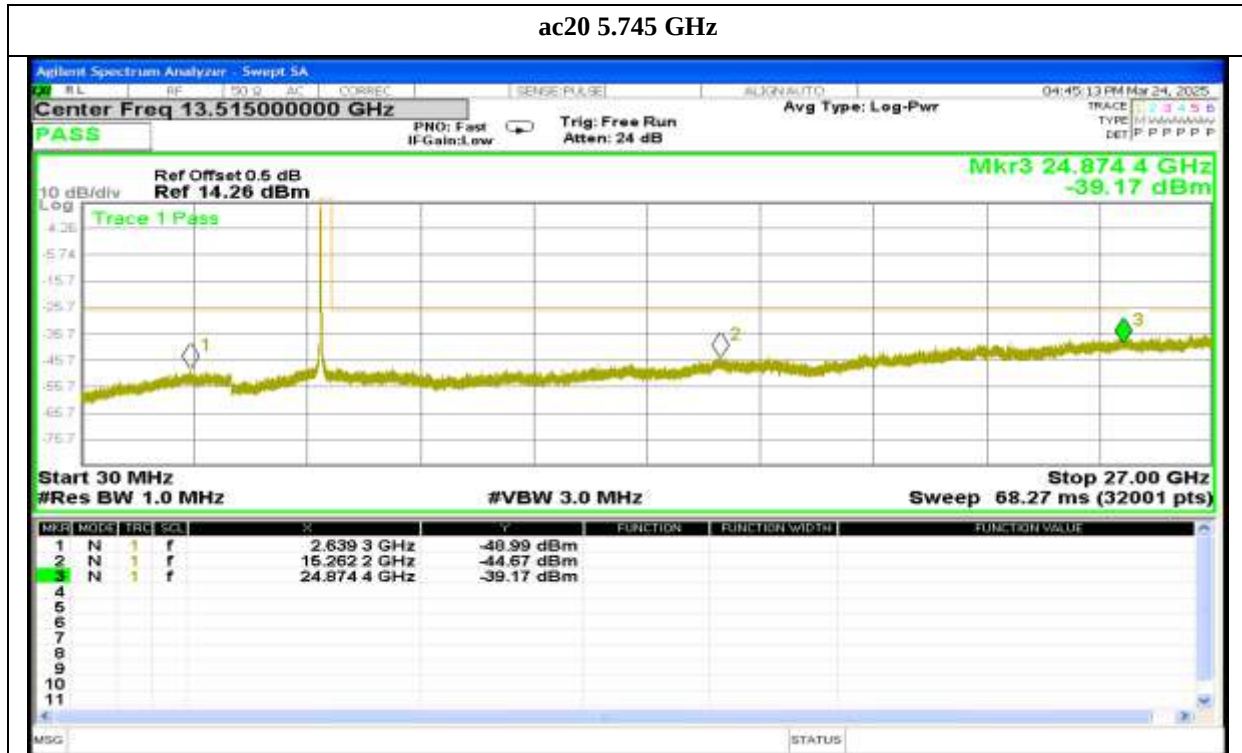
Report No.: AAEMT/RF/250131-01-02

n40 5.795 GHz



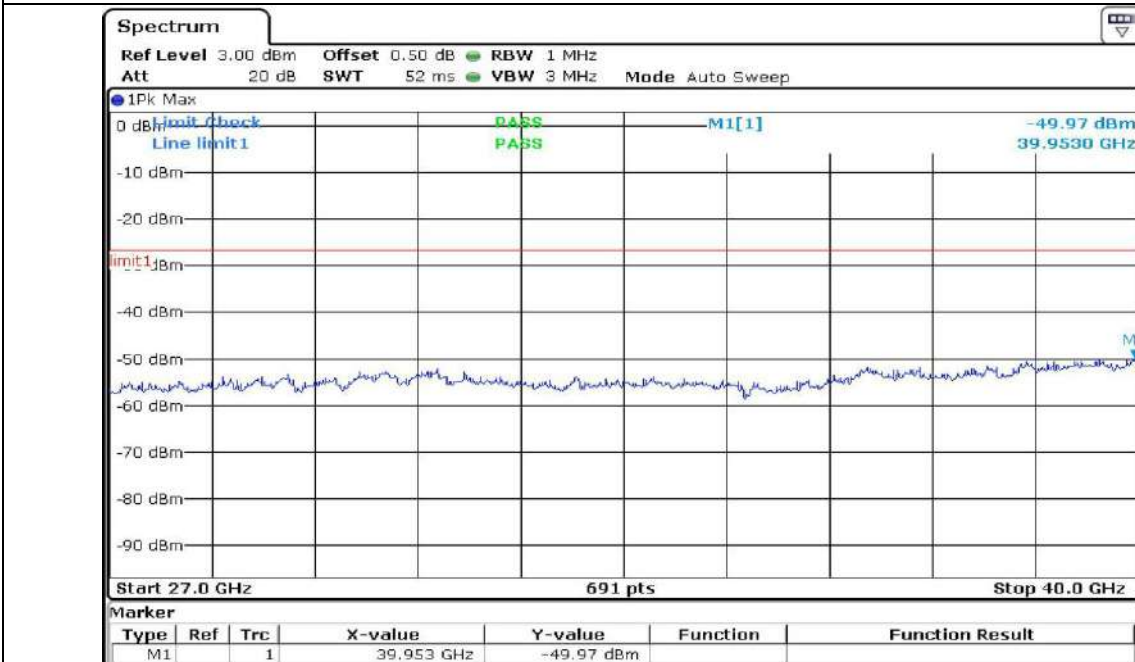
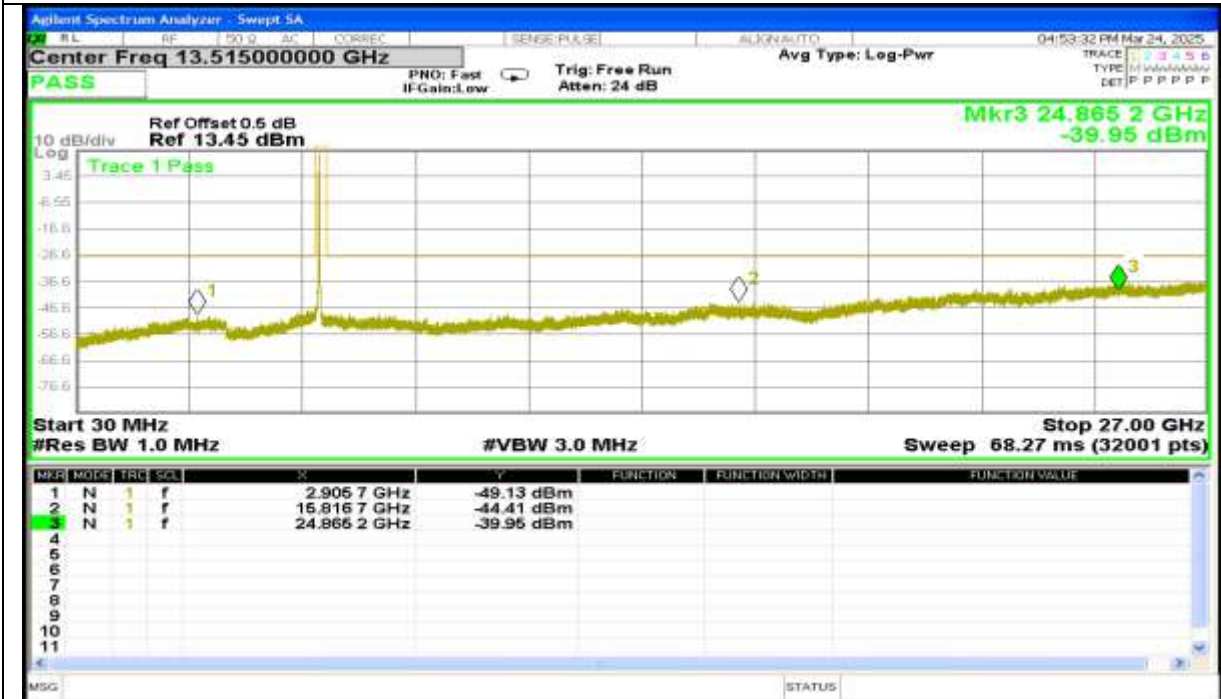
Report No.: AAEMT/RF/250131-01-02

ac20 5.745 GHz



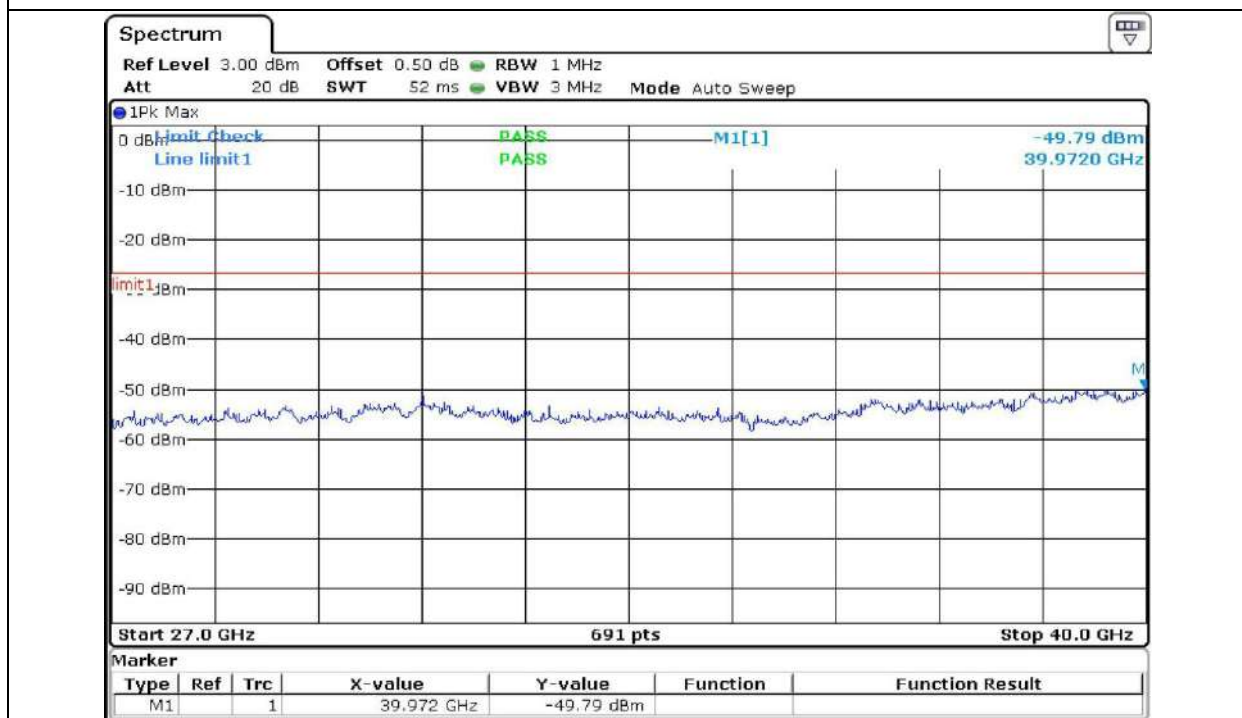
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ac20 5.825 GHz



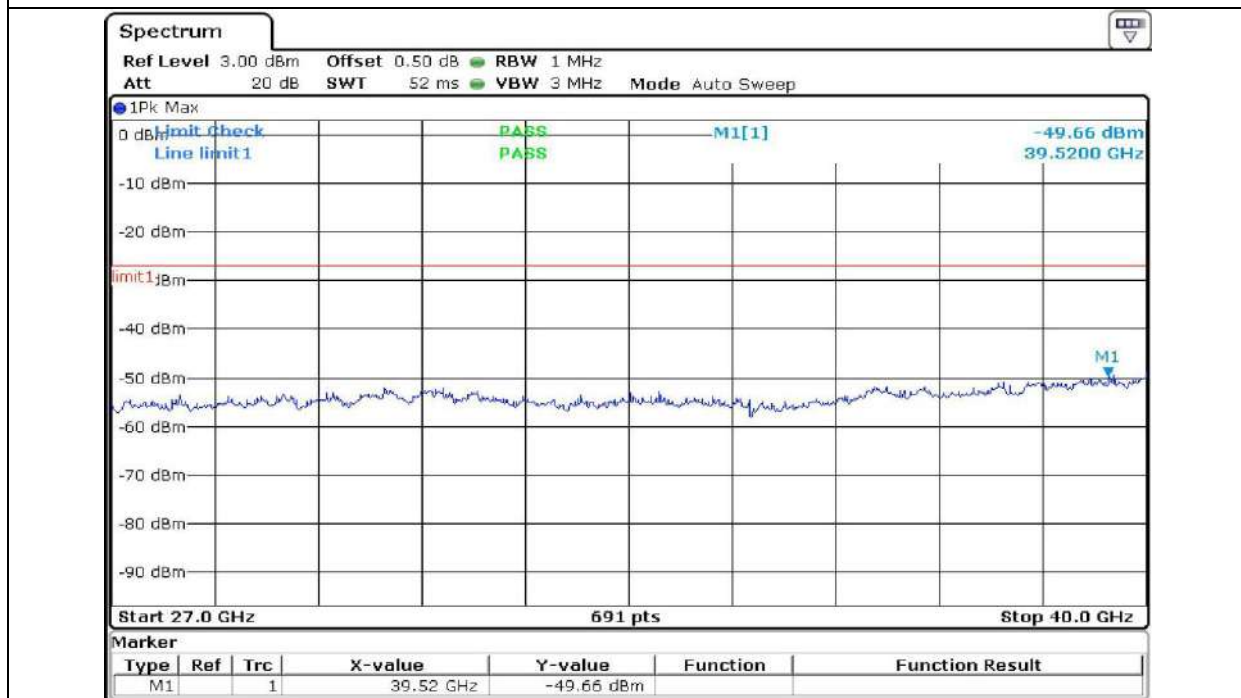
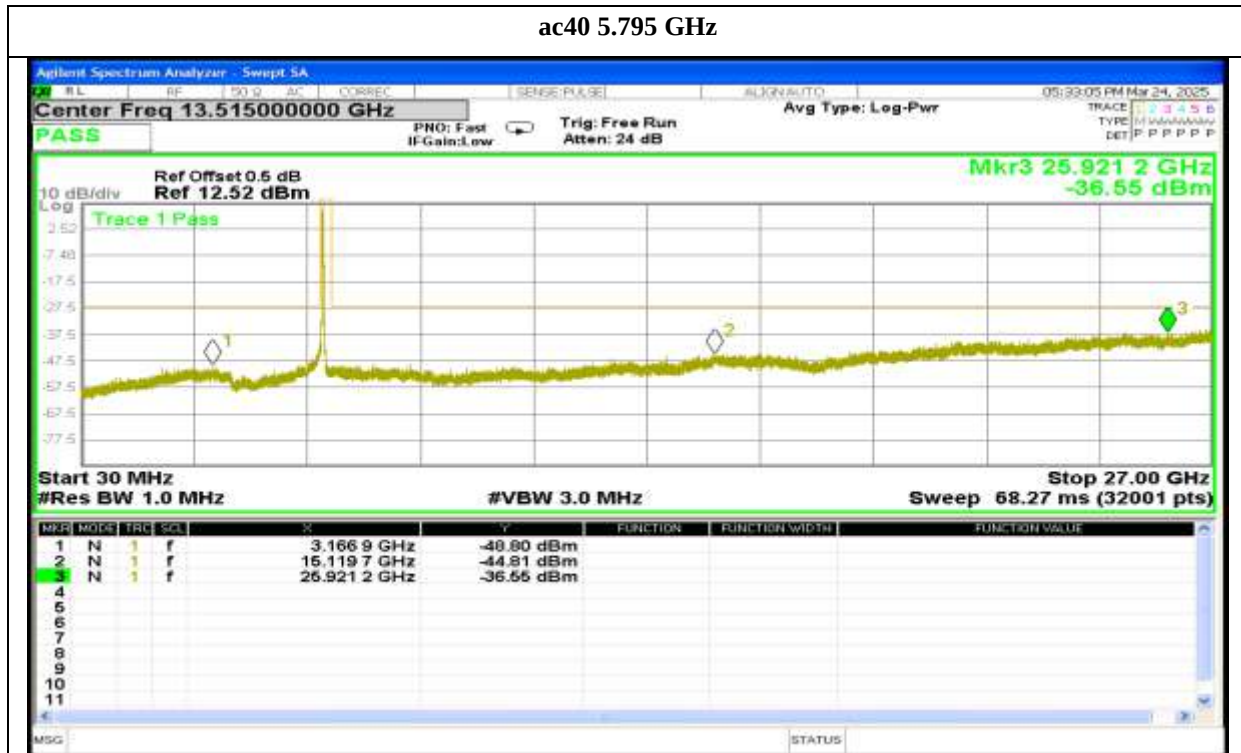
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ac40 5.755 GHz



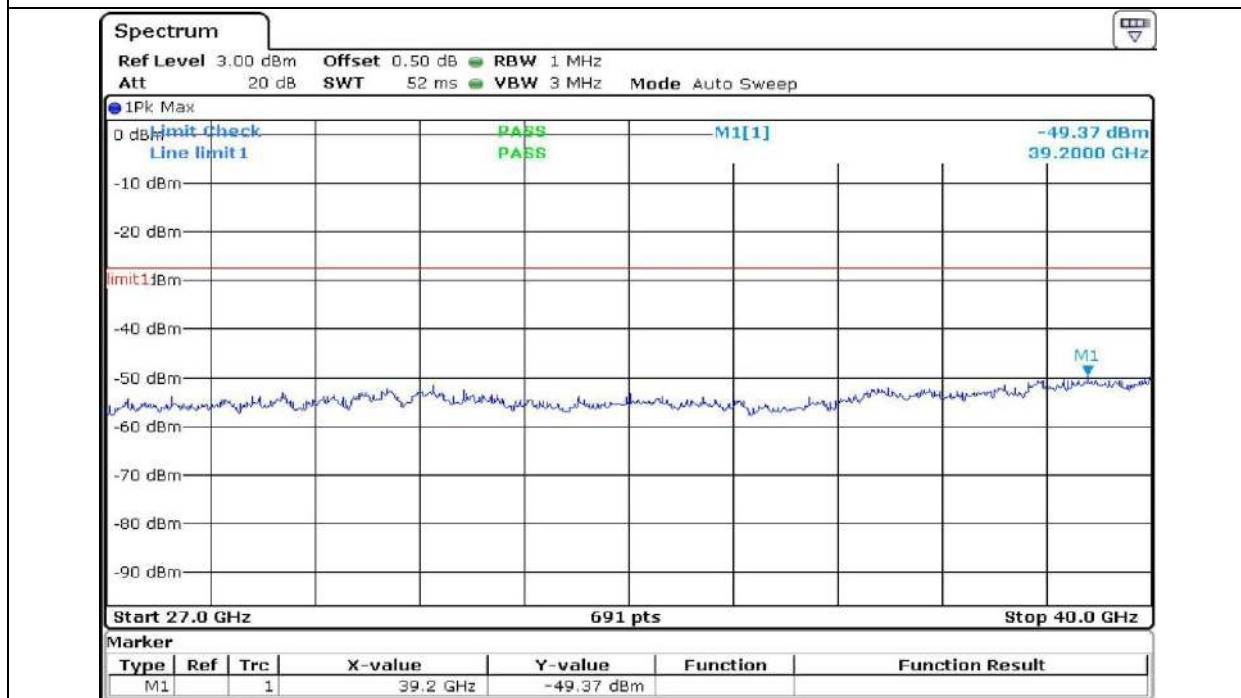
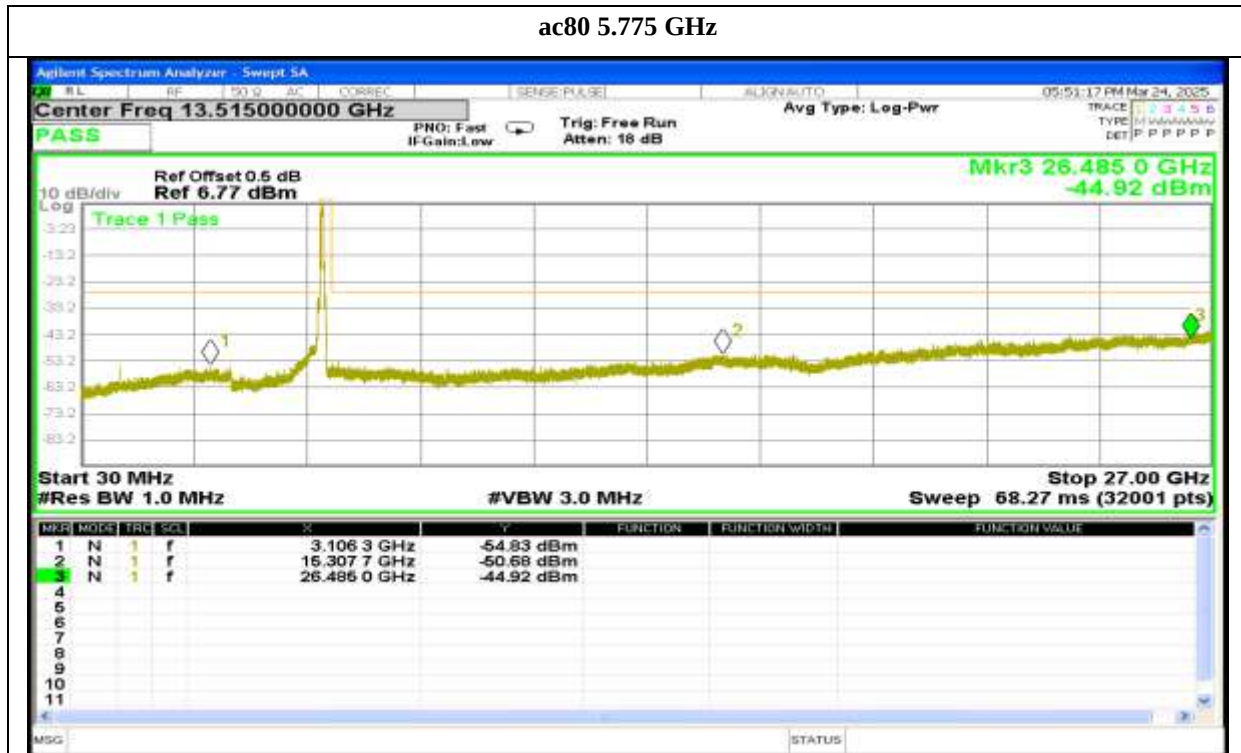
Report No.: AAEMT/RF/250131-01-02

ac40 5.795 GHz



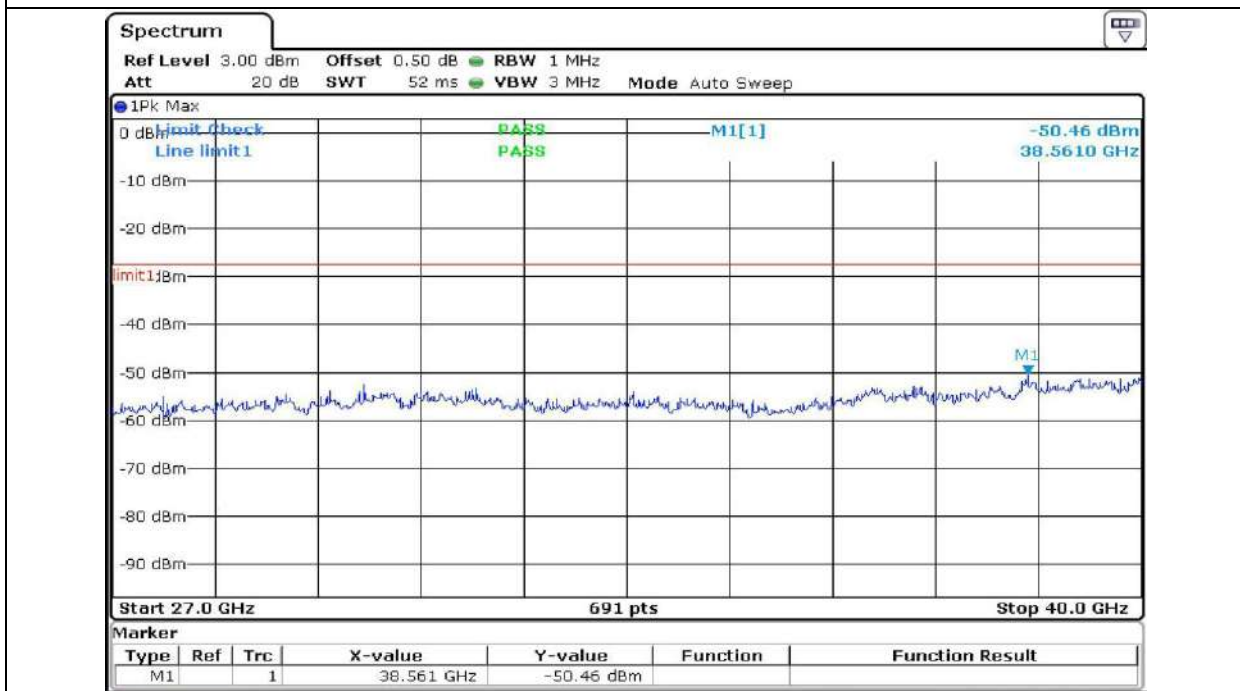
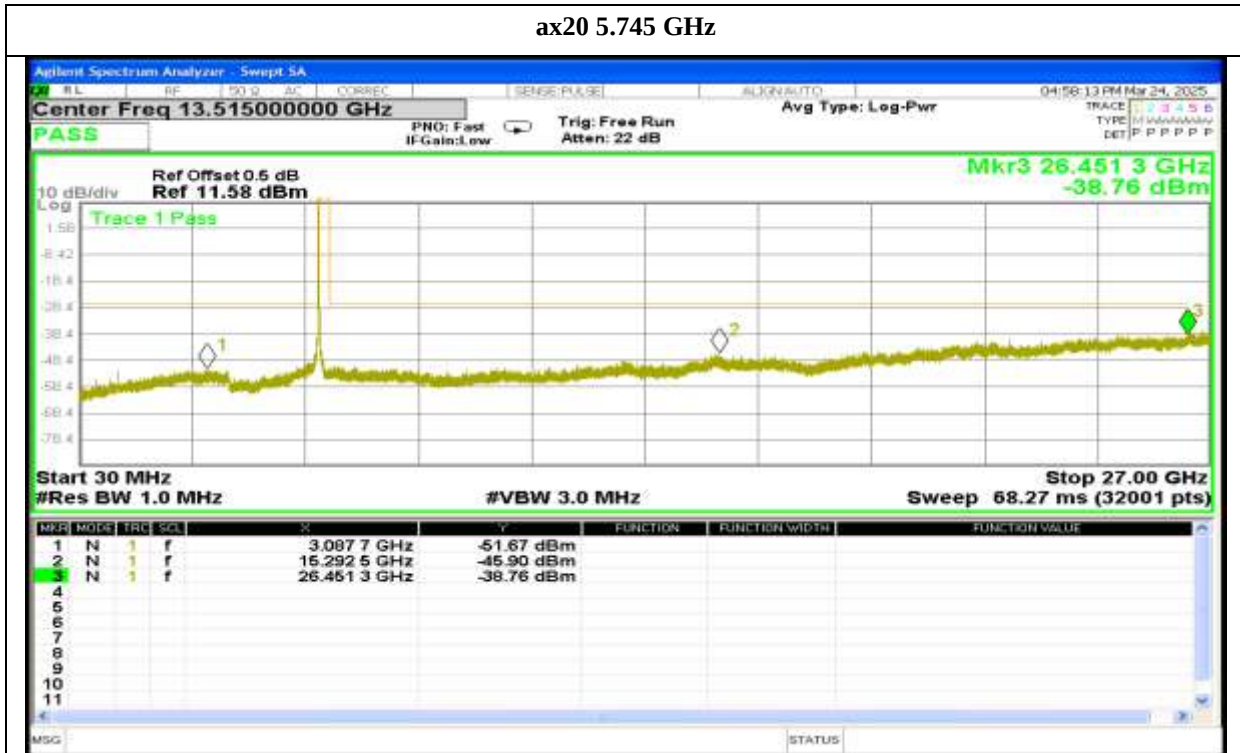
Report No.: AAEMT/RF/250131-01-02

ac80 5.775 GHz



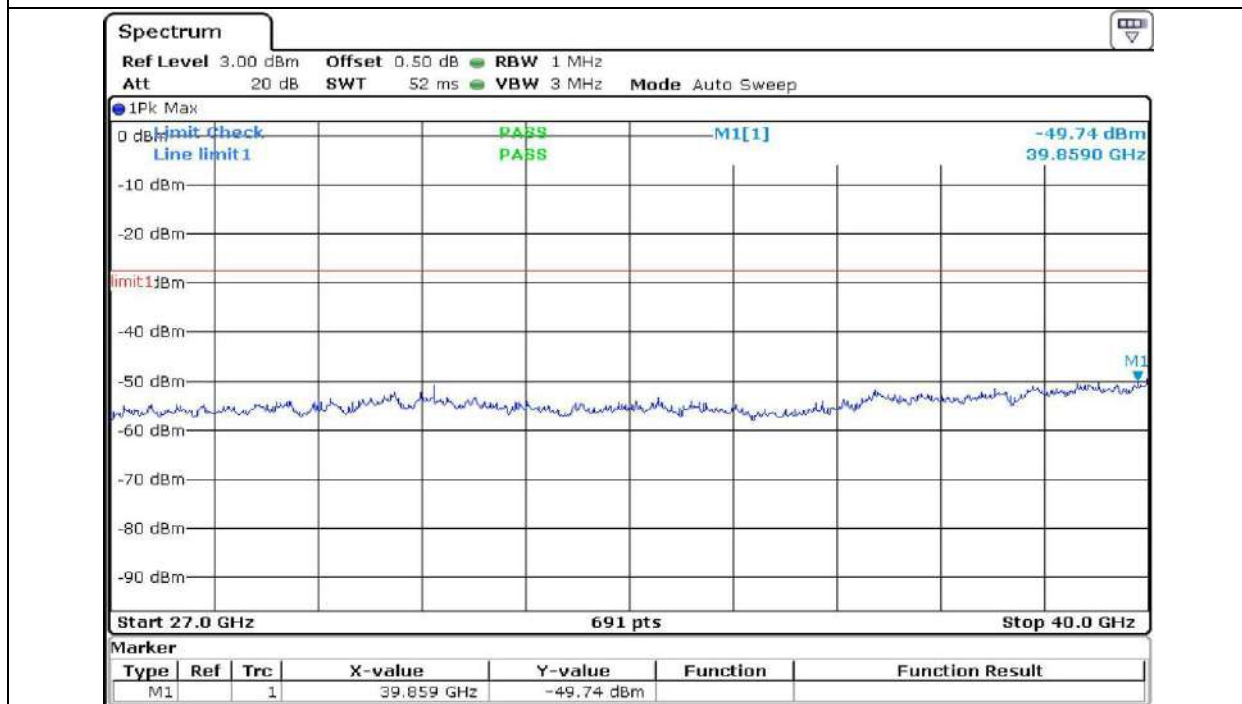
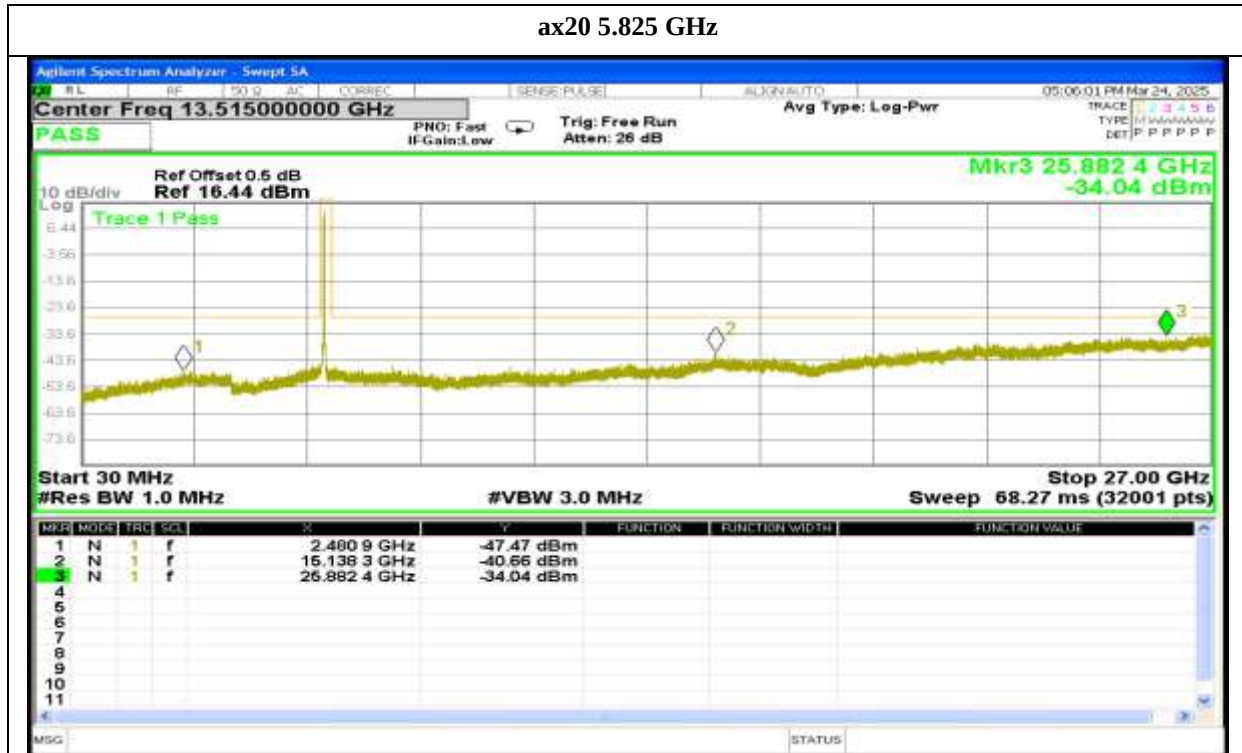
Report No.: AAEMT/RF/250131-01-02

ax20 5.745 GHz



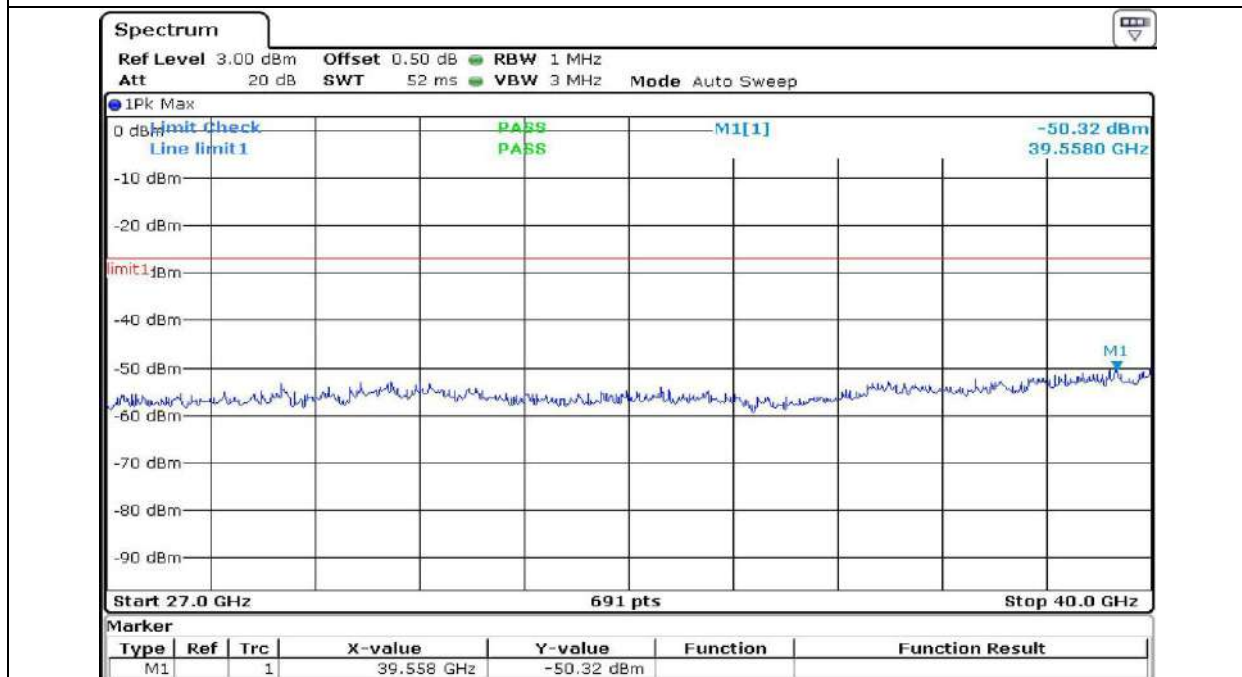
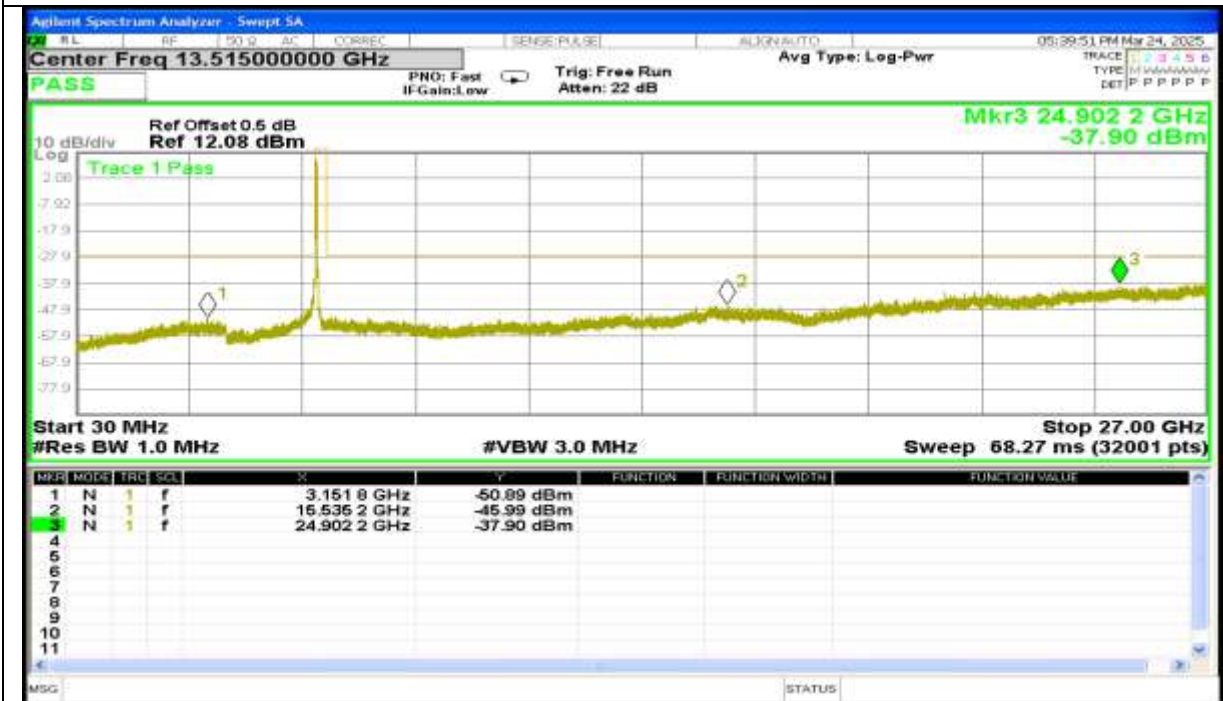
Report No.: AAEMT/RF/250131-01-02

ax20 5.825 GHz



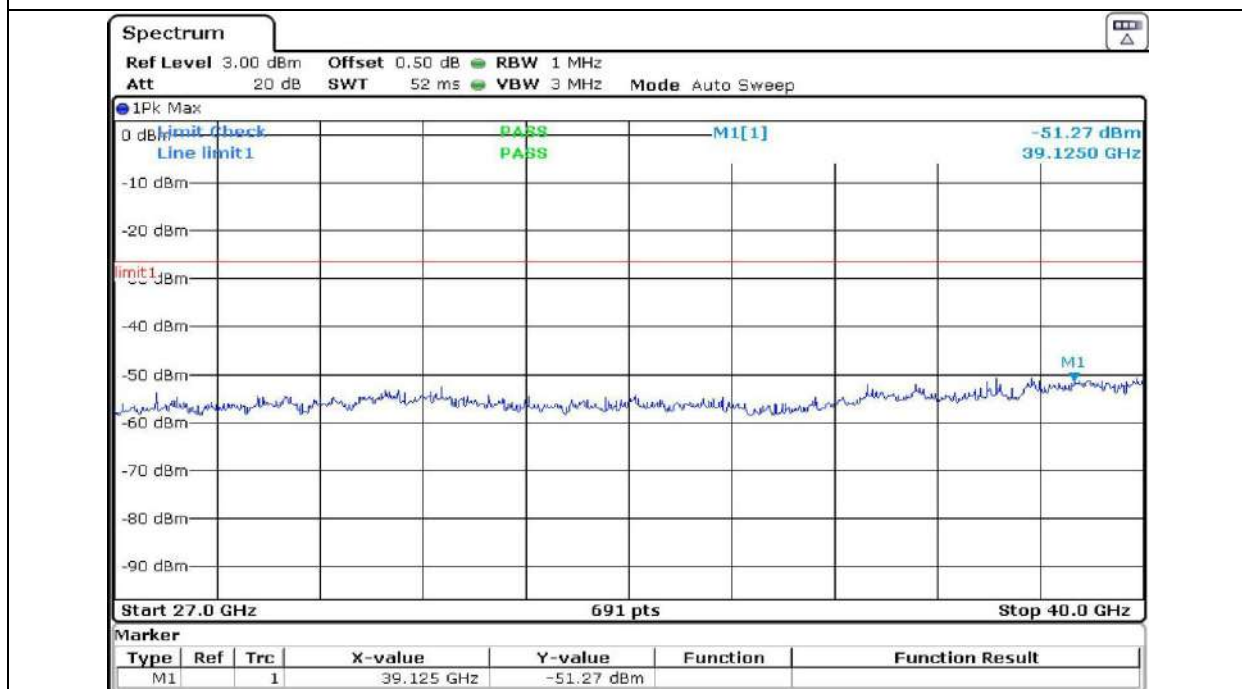
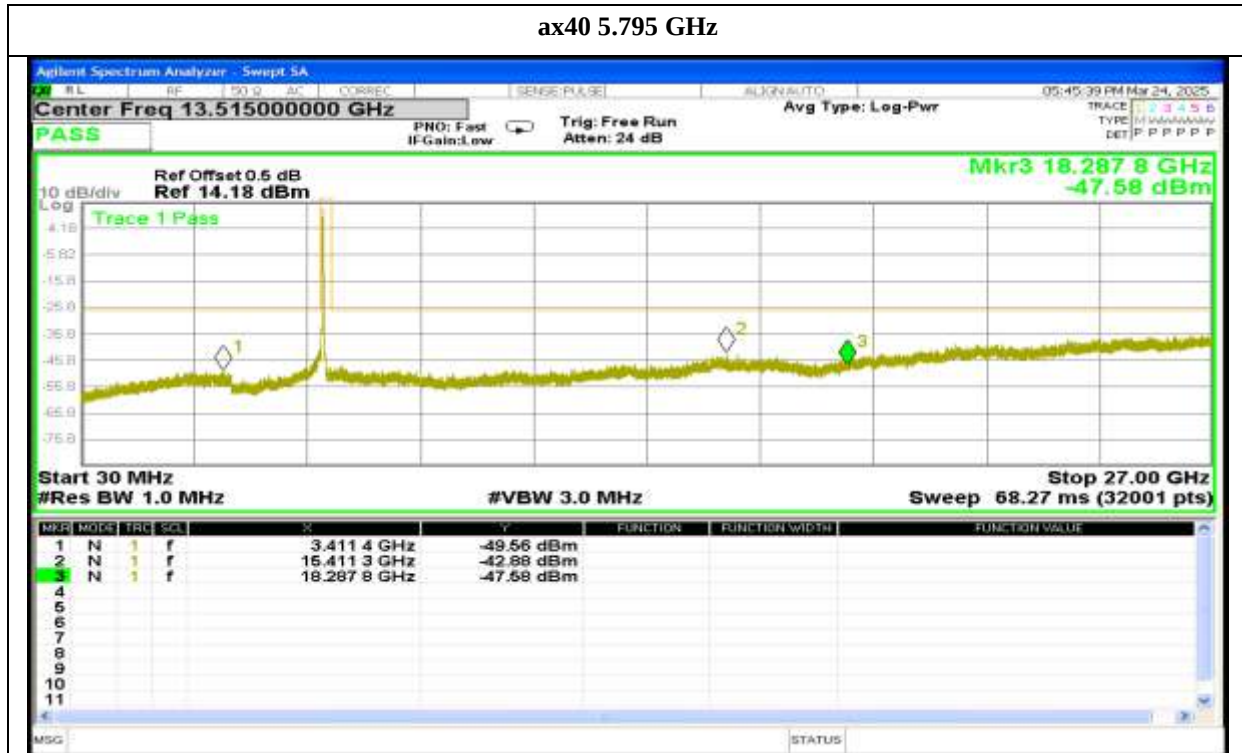
Report No.: AAEMT/RF/250131-01-02

ax40 5.755 GHz



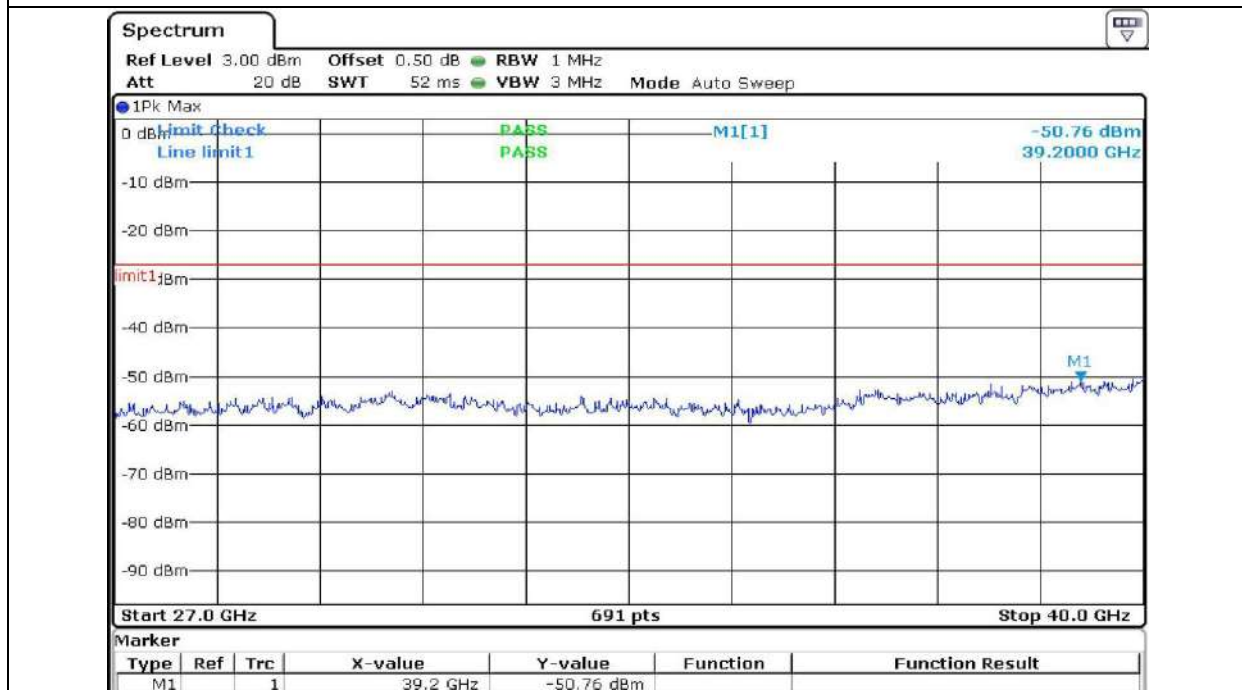
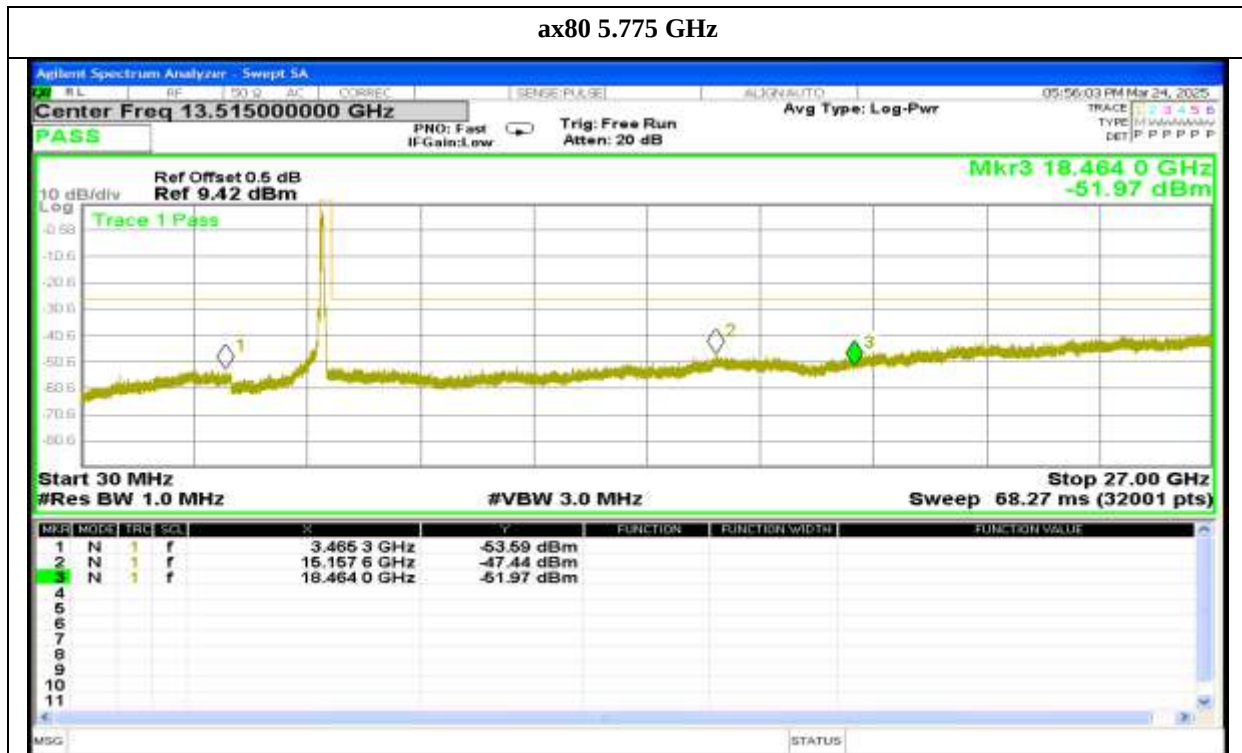
Report No.: AAEMT/RF/250131-01-02

ax40 5.795 GHz



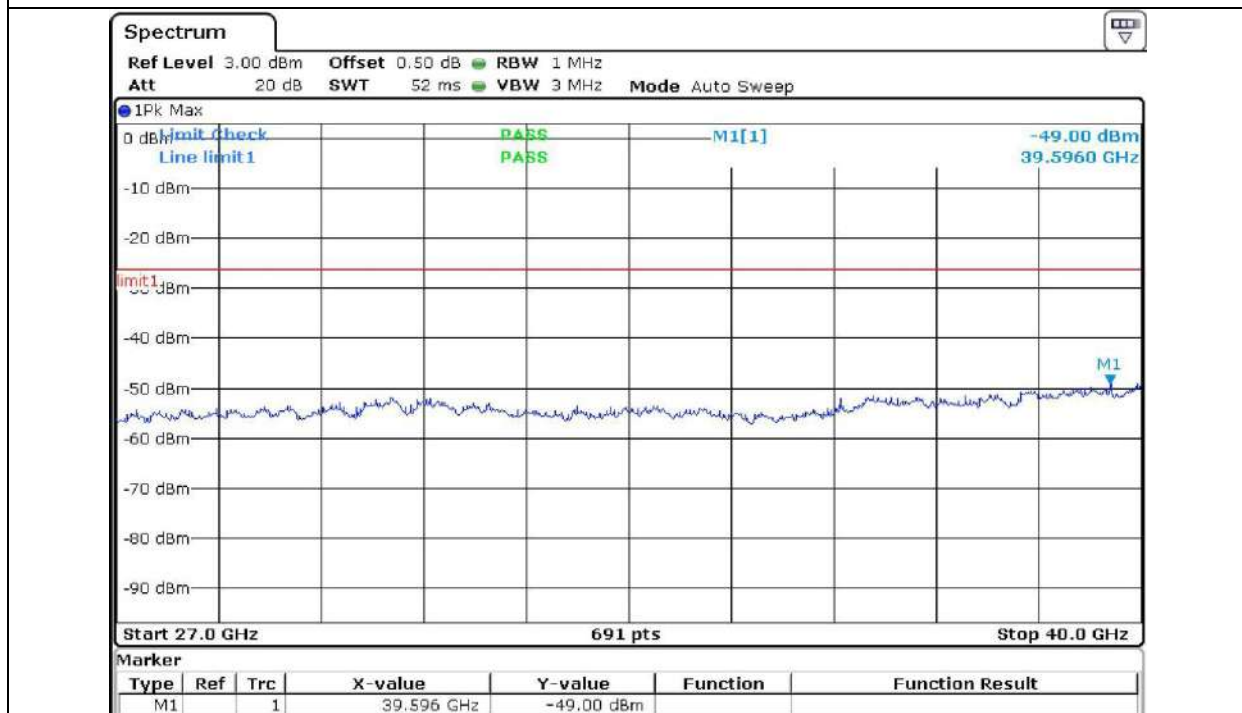
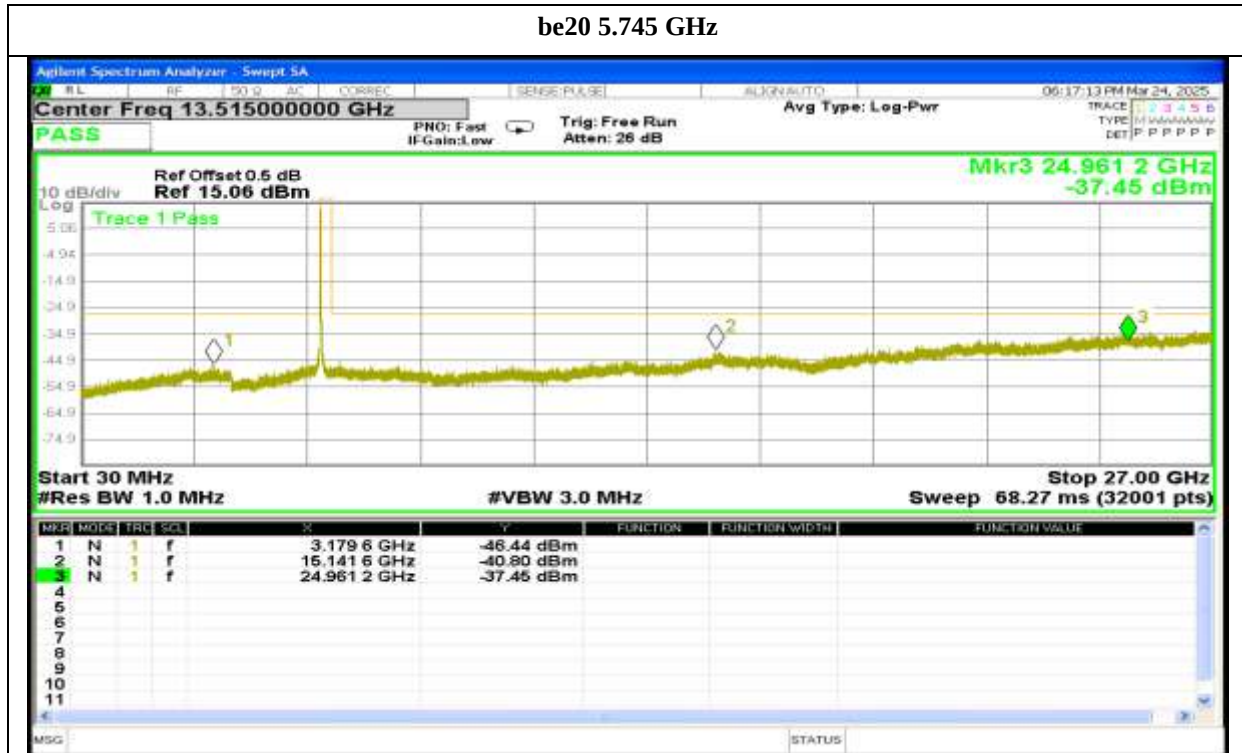
Report No.: AAEMT/RF/250131-01-02

ax80 5.775 GHz



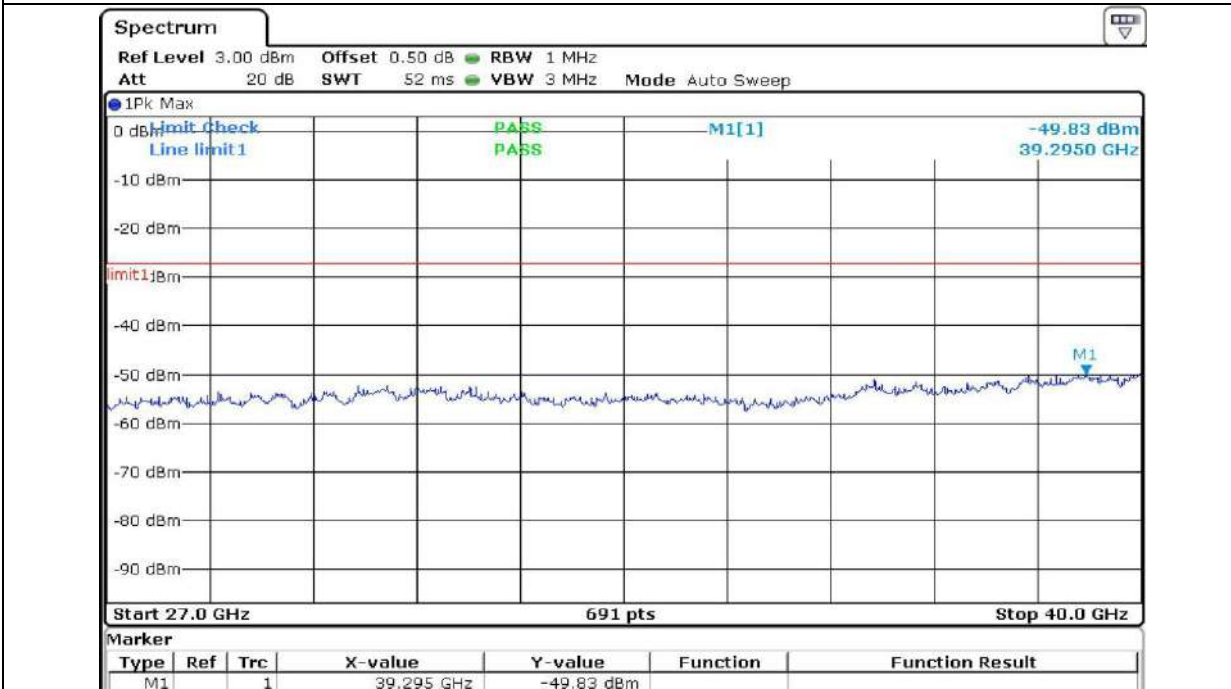
Report No.: AAEMT/RF/250131-01-02

be20 5.745 GHz



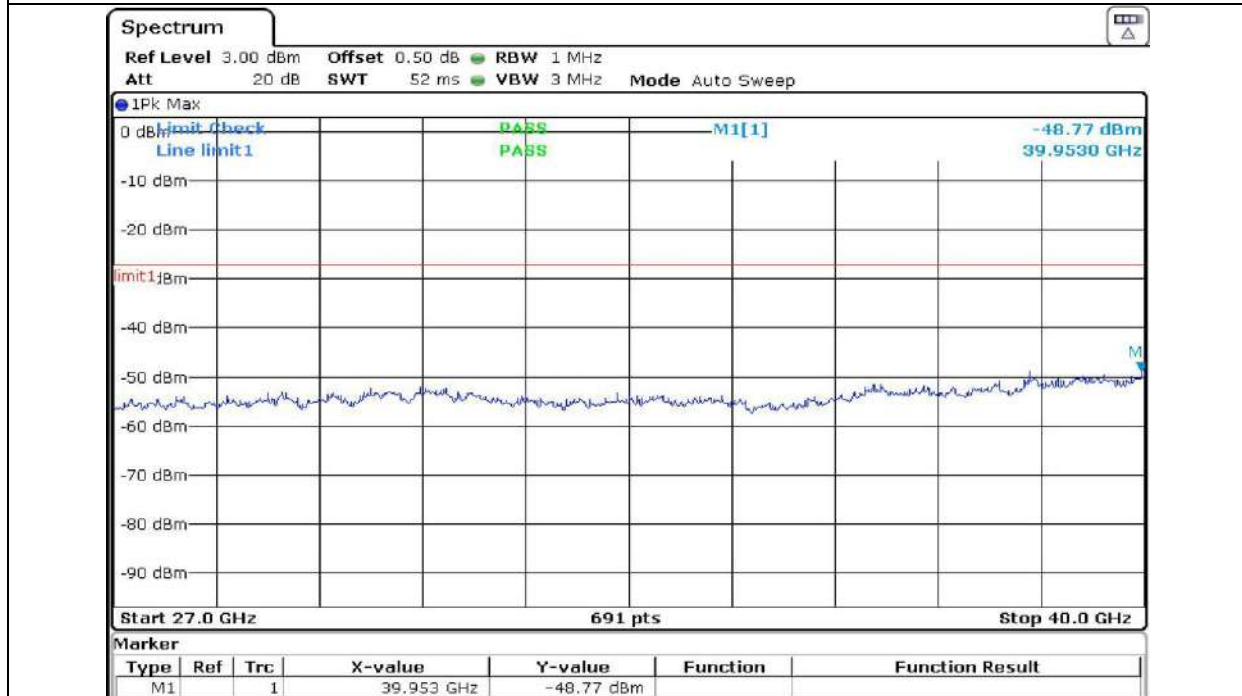
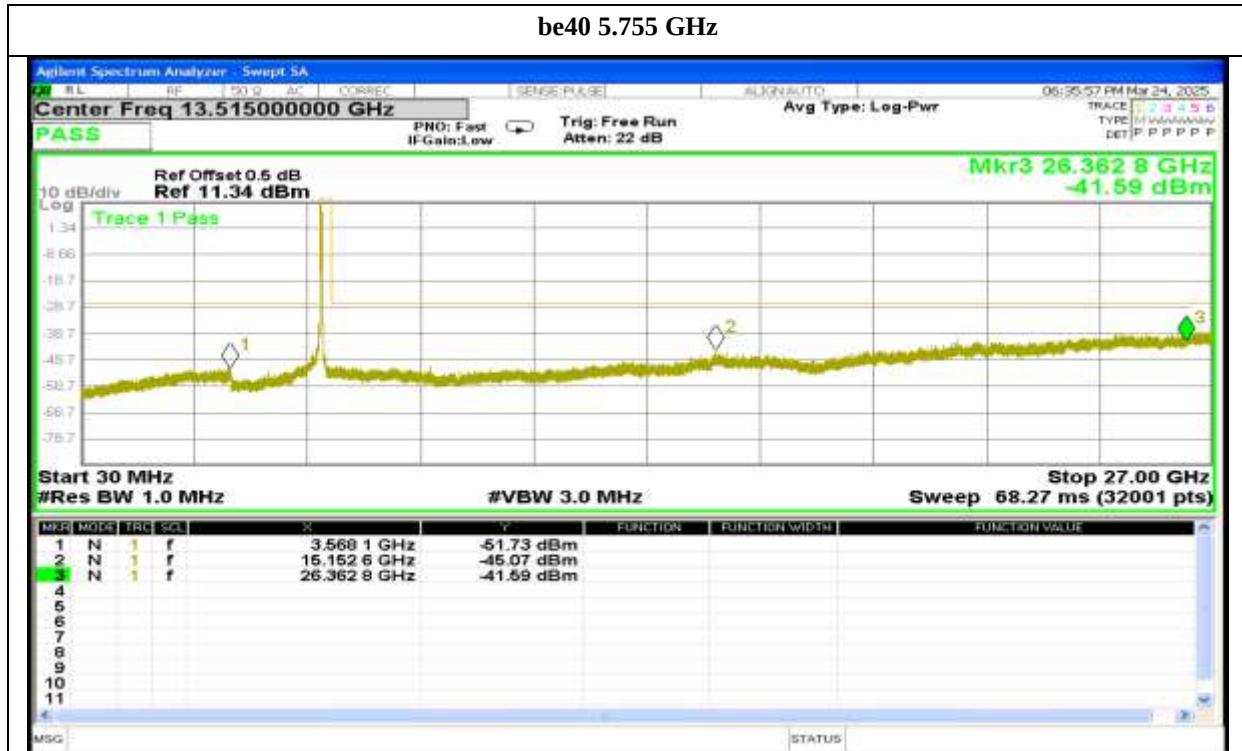
Report No.: AAEMT/RF/250131-01-02

be20 5.825 GHz



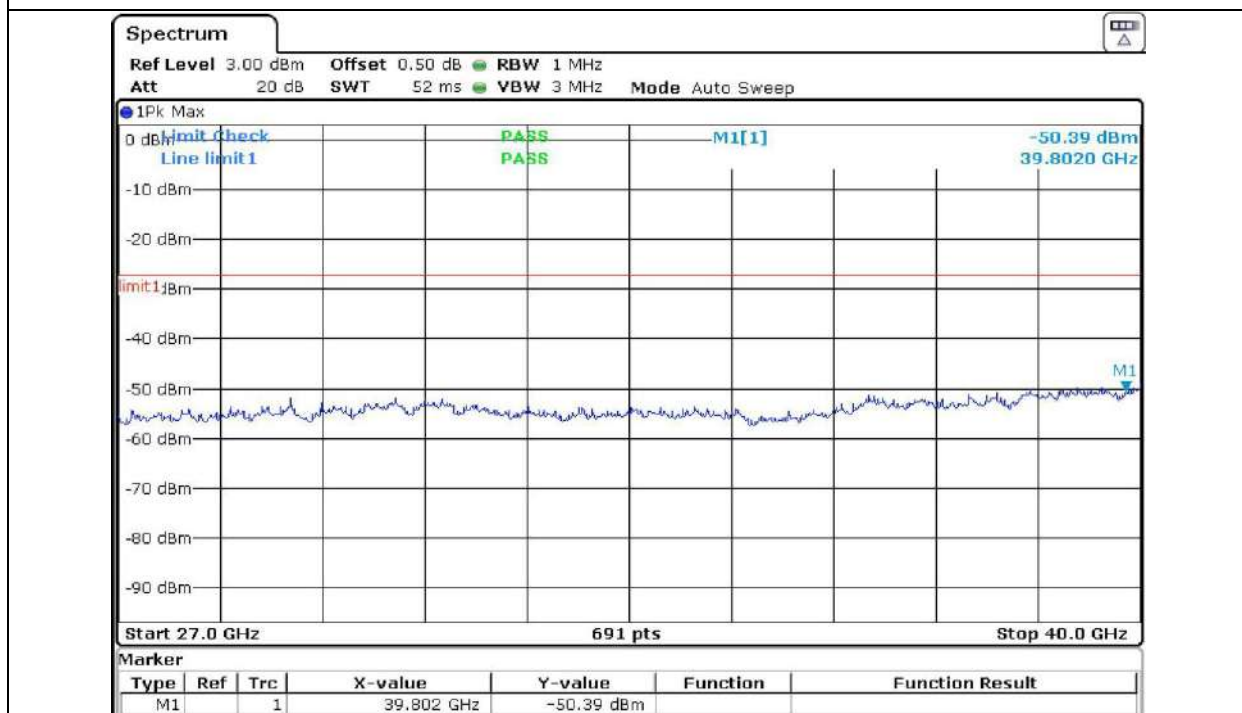
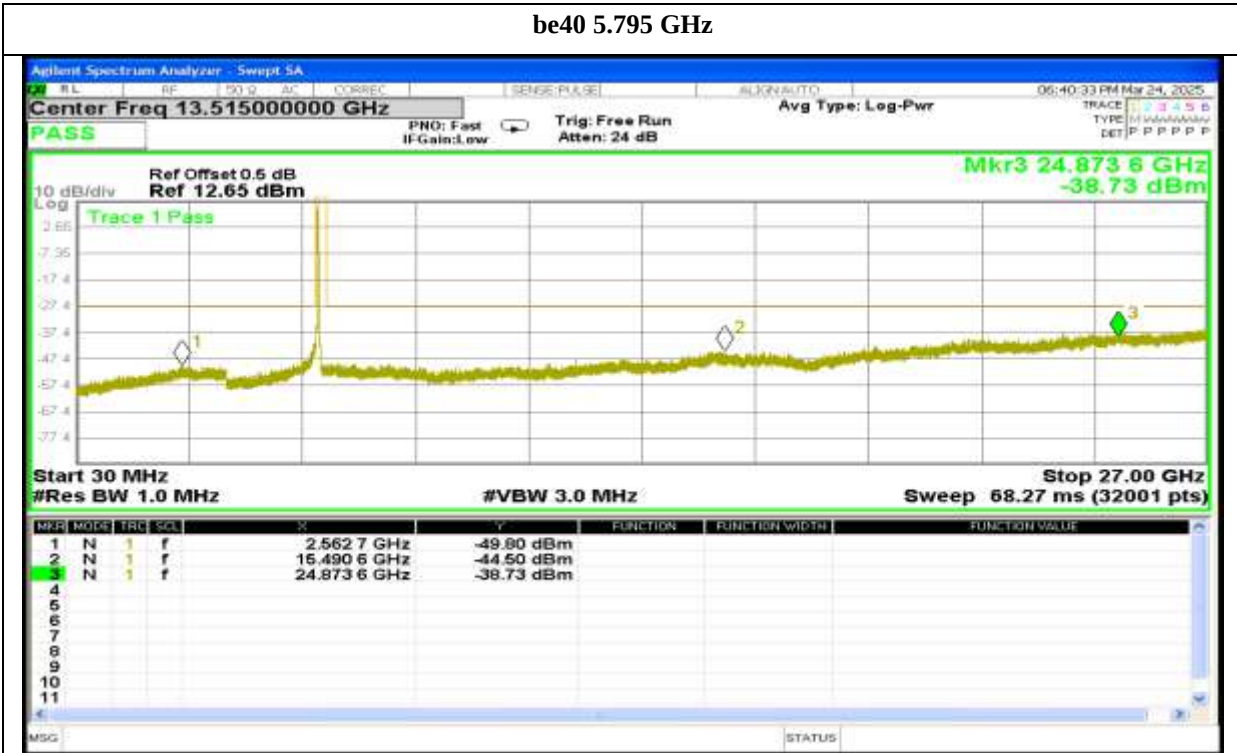
Report No.: AAEMT/RF/250131-01-02

be40 5.755 GHz



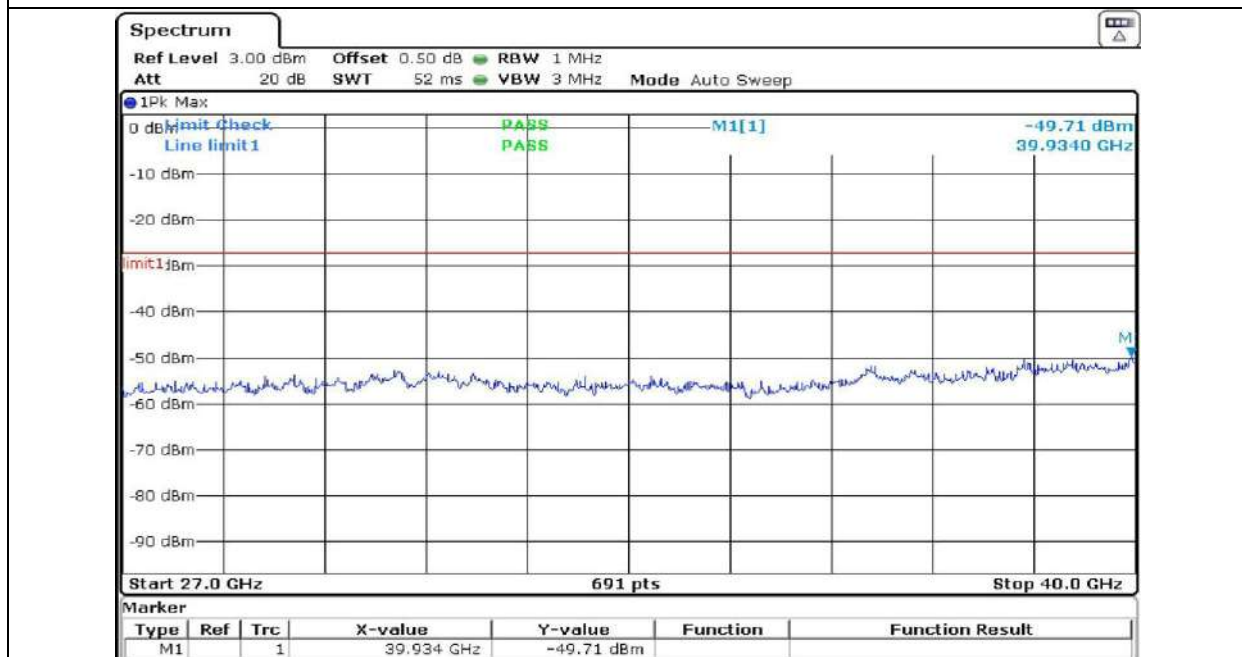
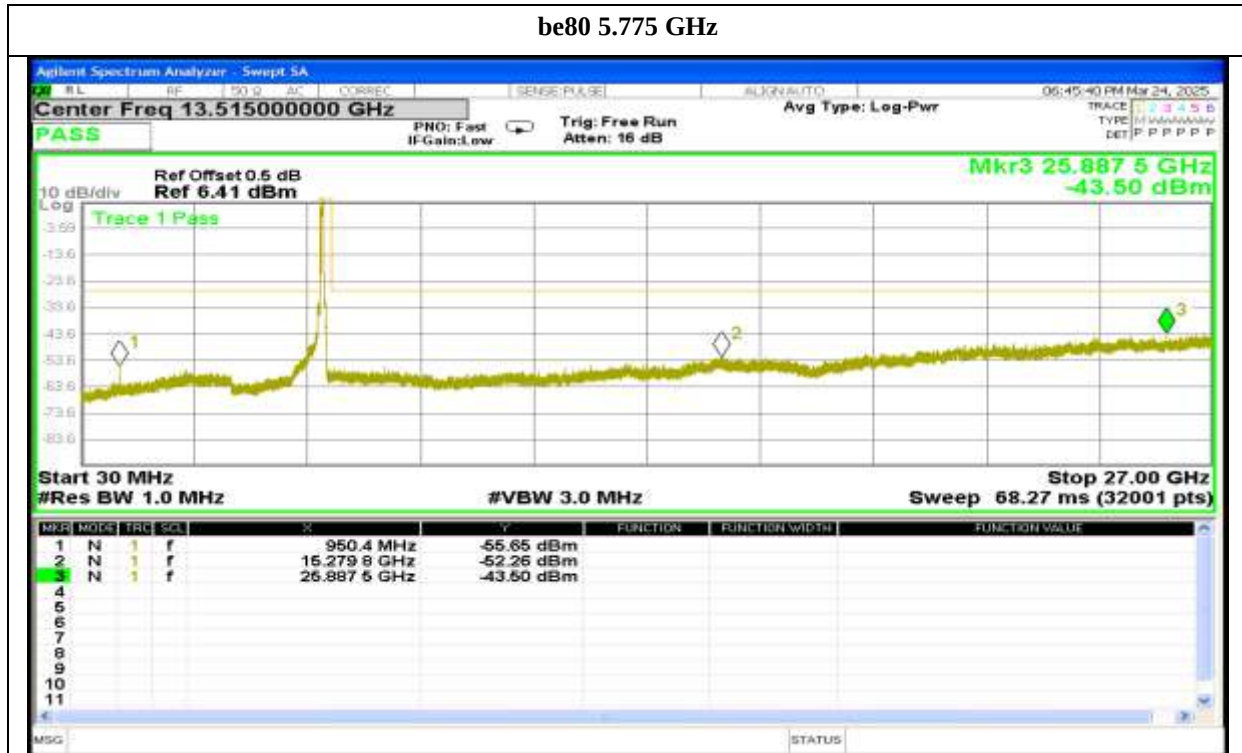
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be40 5.795 GHz



Report No.: AAEMT/RF/250131-01-02

be80 5.775 GHz



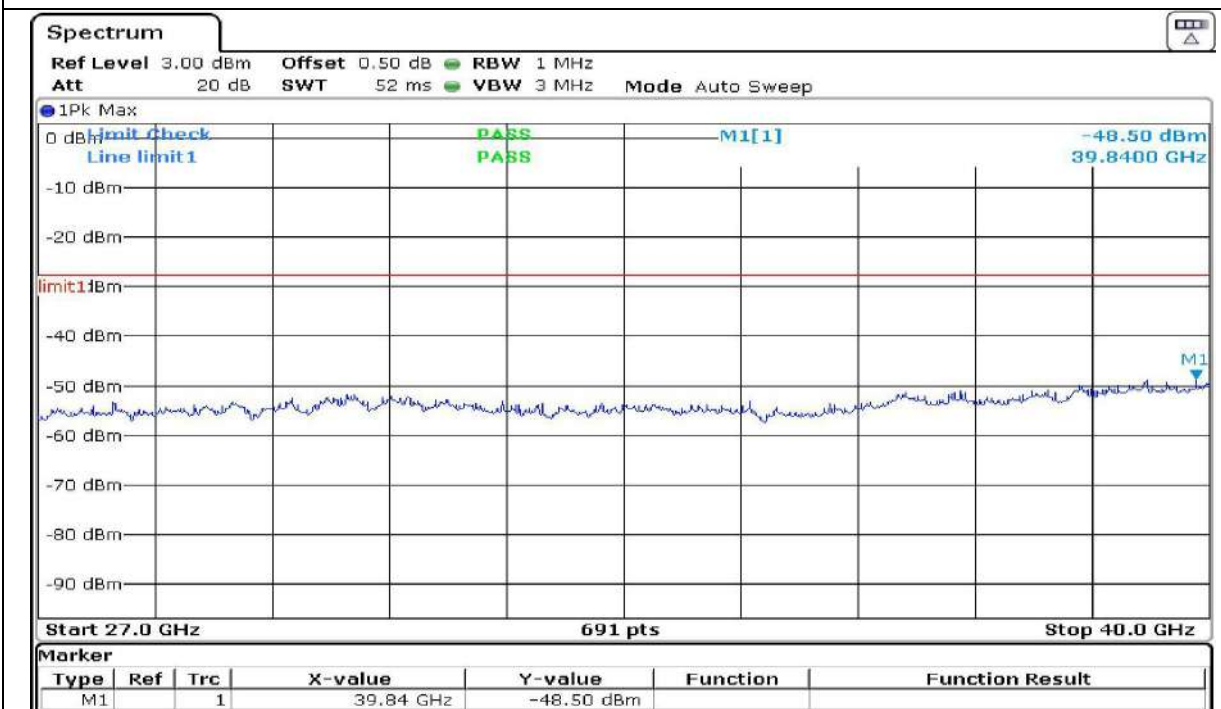
Report No.: AAEMT/RF/250131-01-02

MRU Antenna 1:

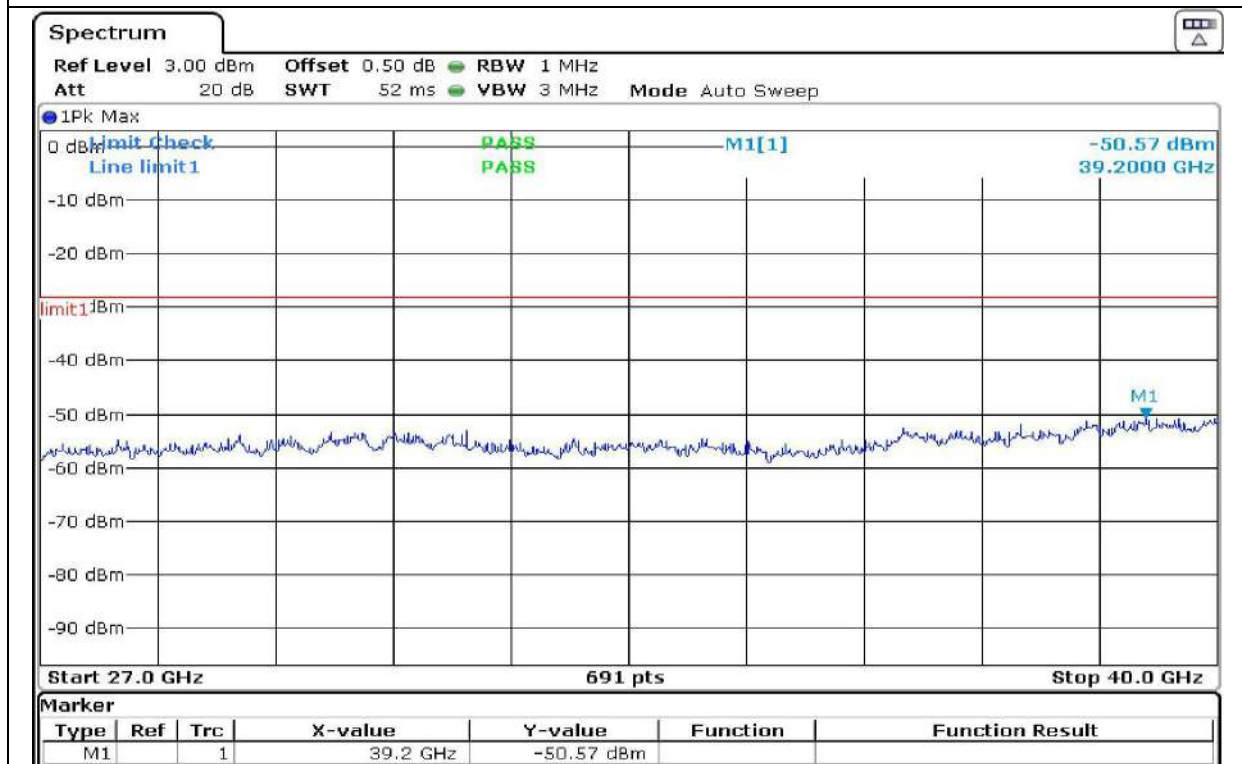
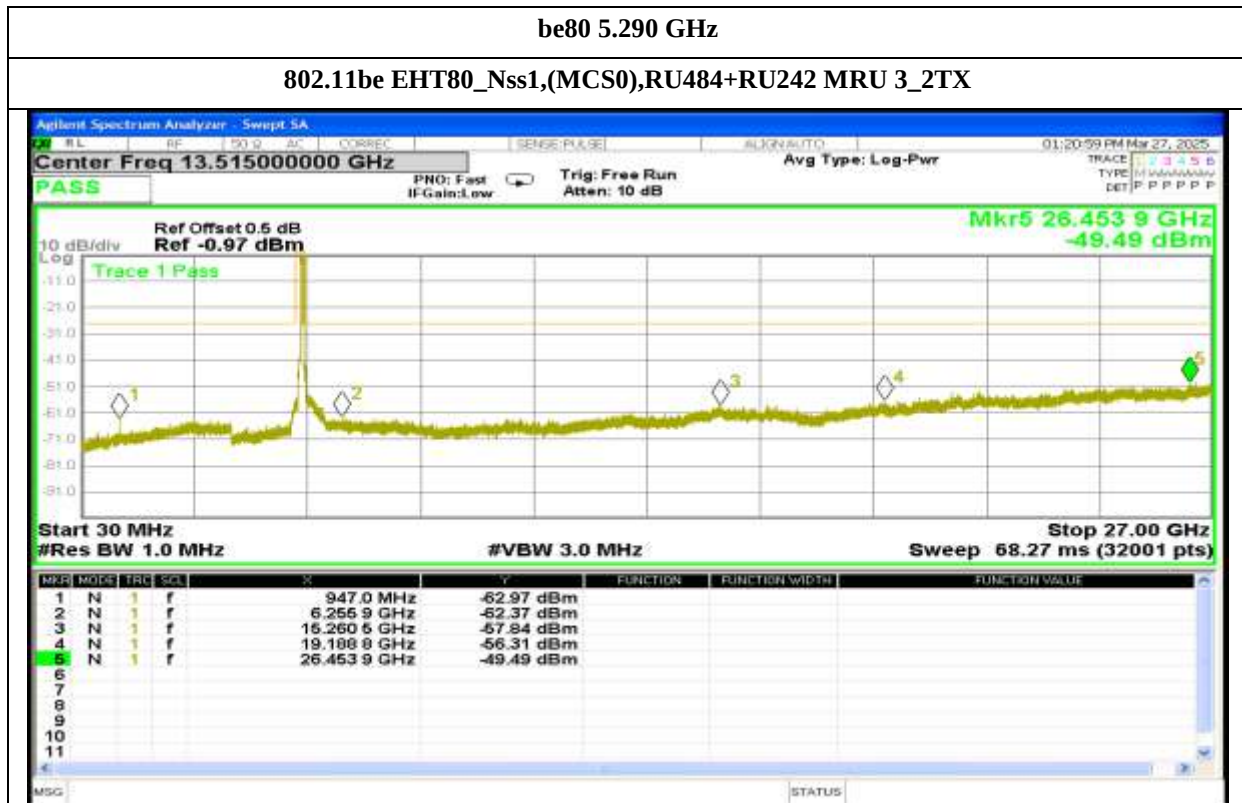


Report No.: AAEMT/RF/250131-01-02

802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

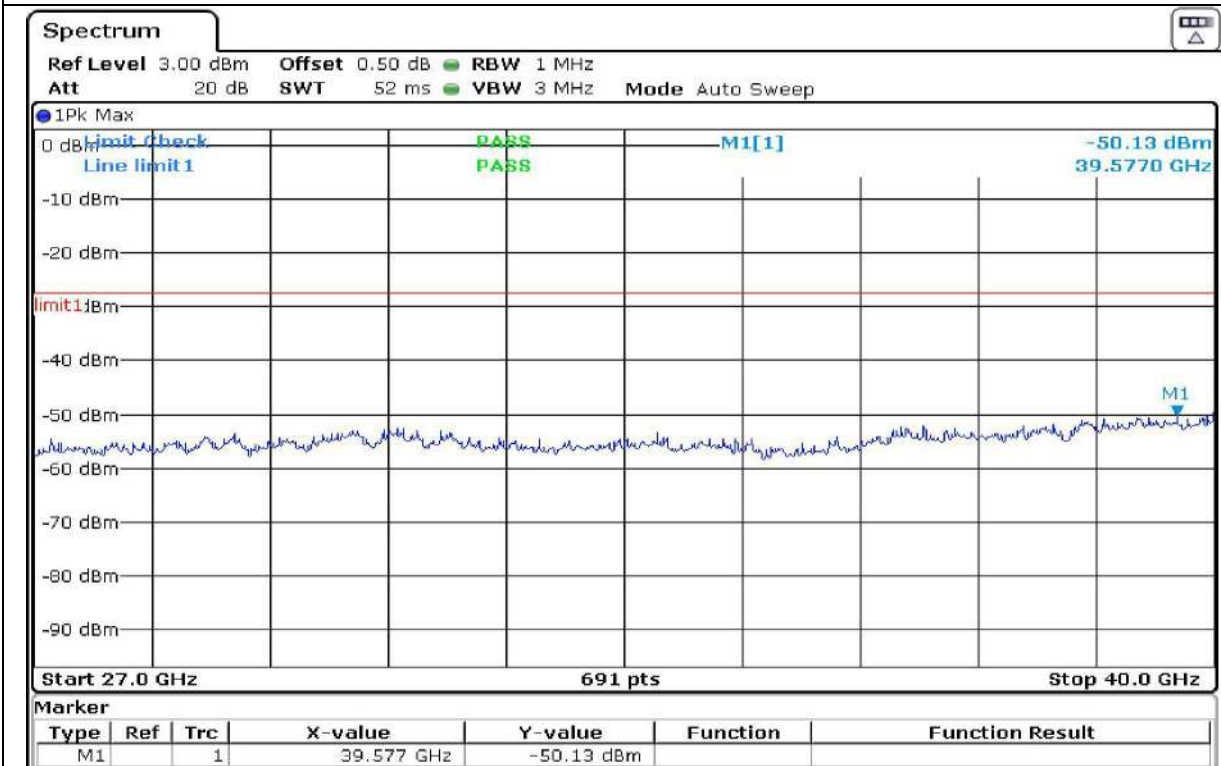


Report No.: AAEMT/RF/250131-01-02



Report No.: AAEMT/RF/250131-01-02

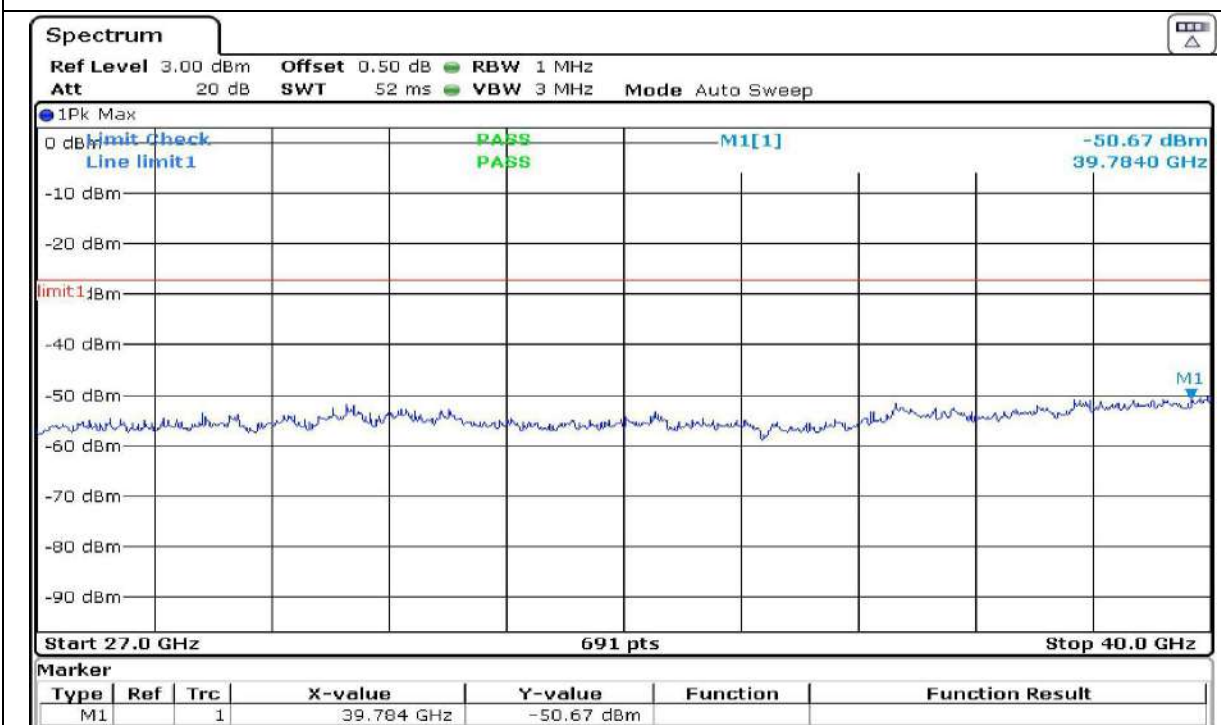
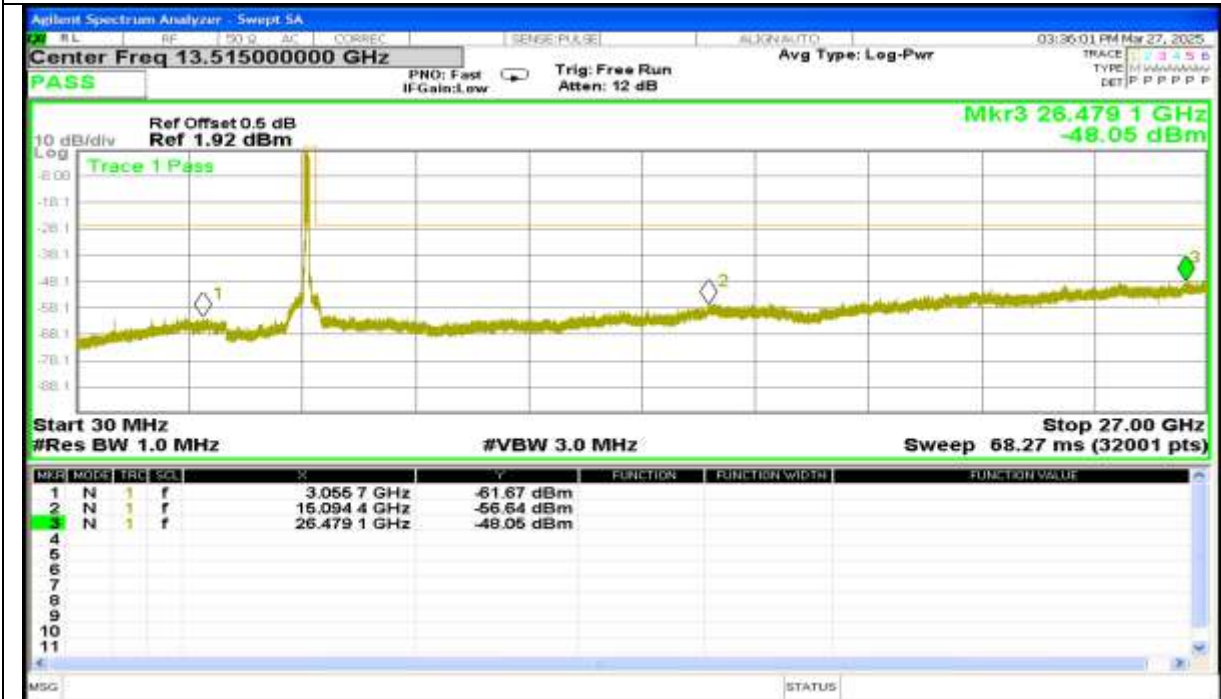
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX



Report No.: AAEMT/RF/250131-01-02

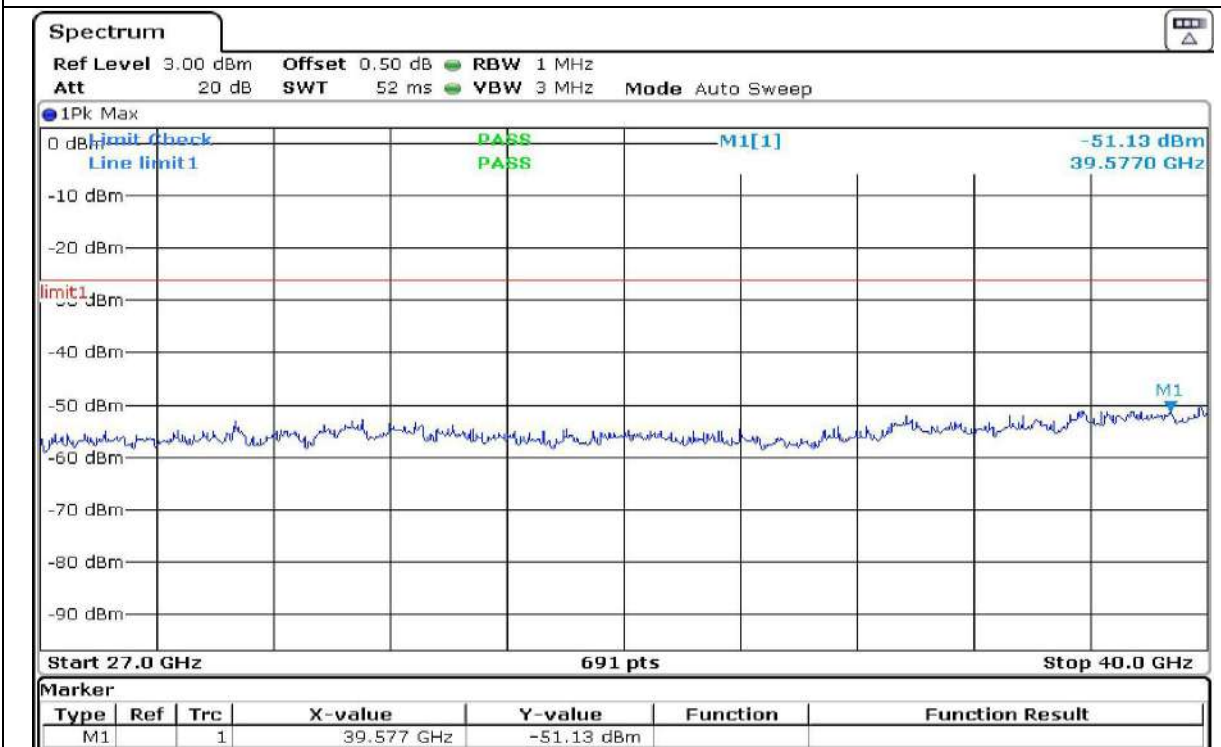
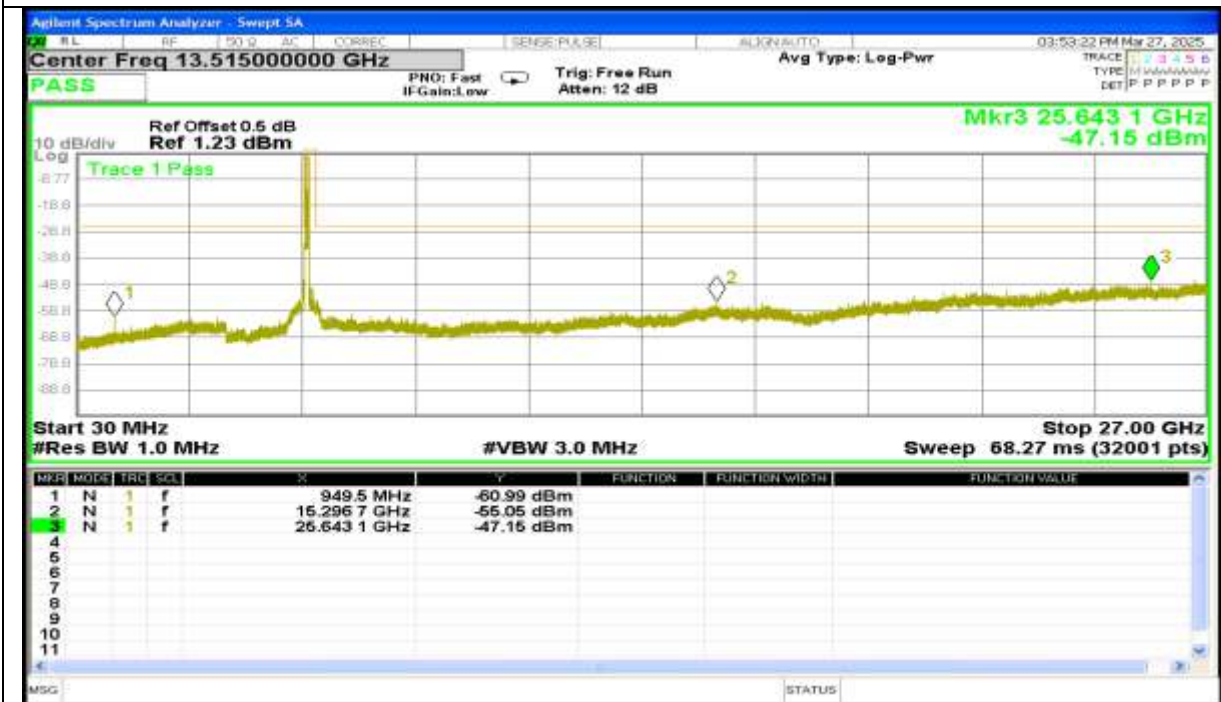
be80 5.530 GHz

802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX



Report No.: AAEMT/RF/250131-01-02

802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

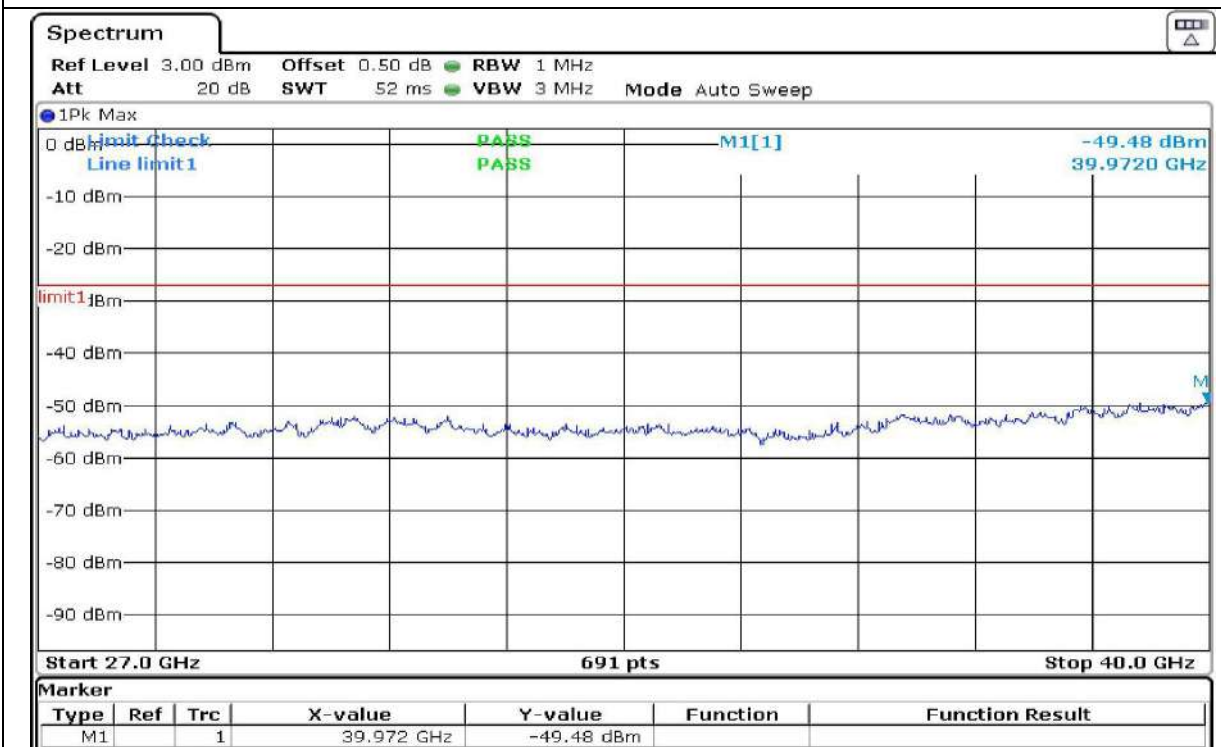


Report No.: AAEMT/RF/250131-01-02



Report No.: AAEMT/RF/250131-01-02

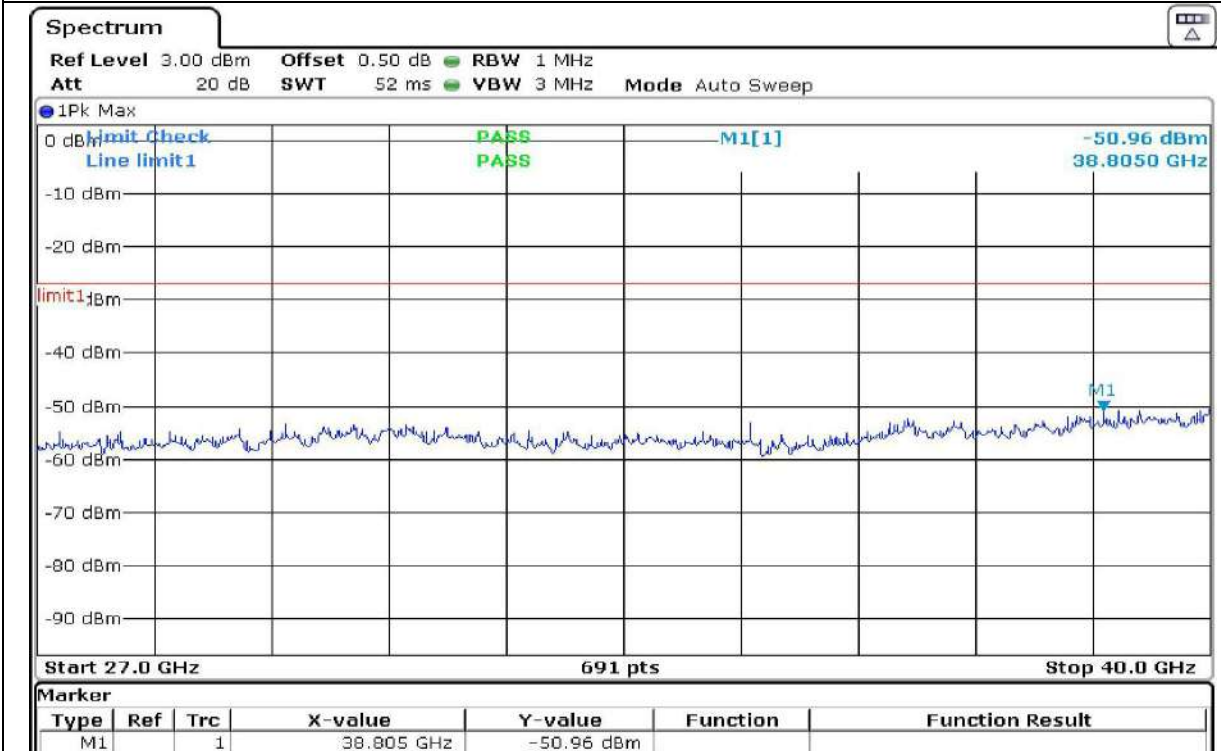
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX



Report No.: AAEMT/RF/250131-01-02

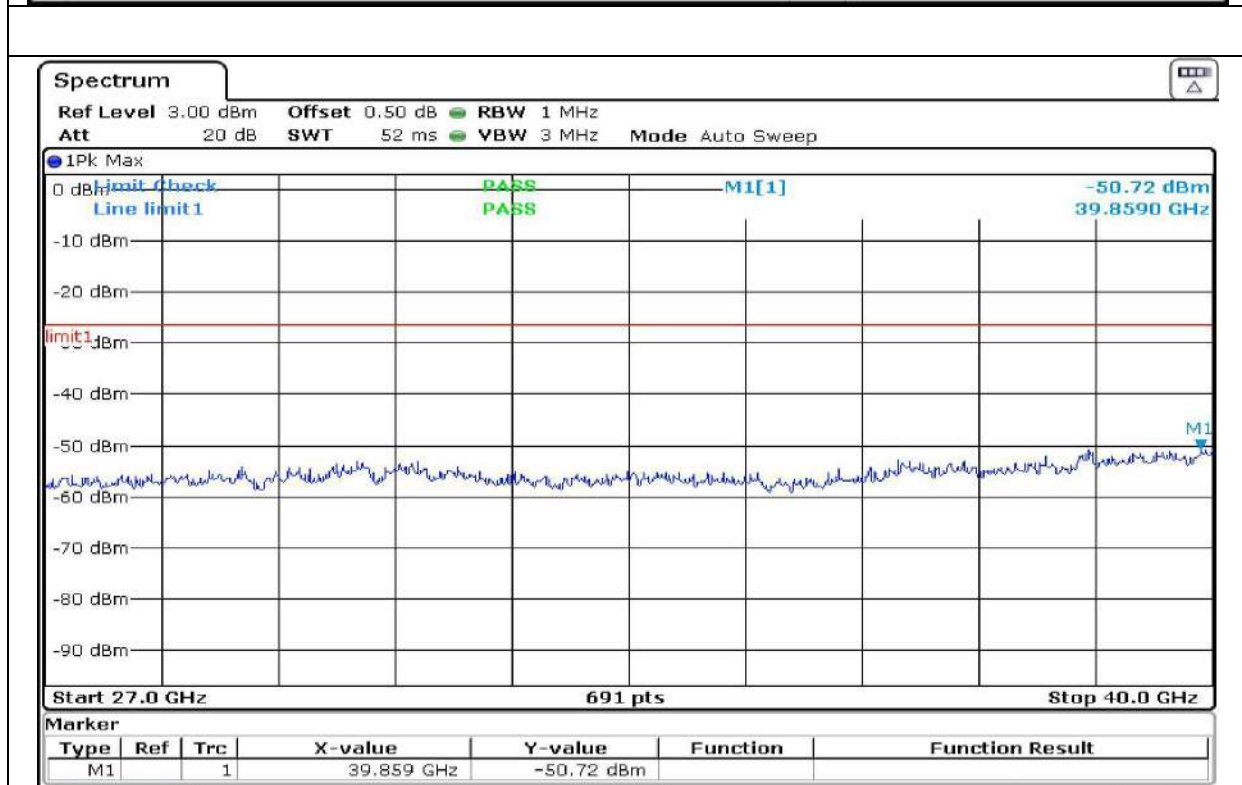
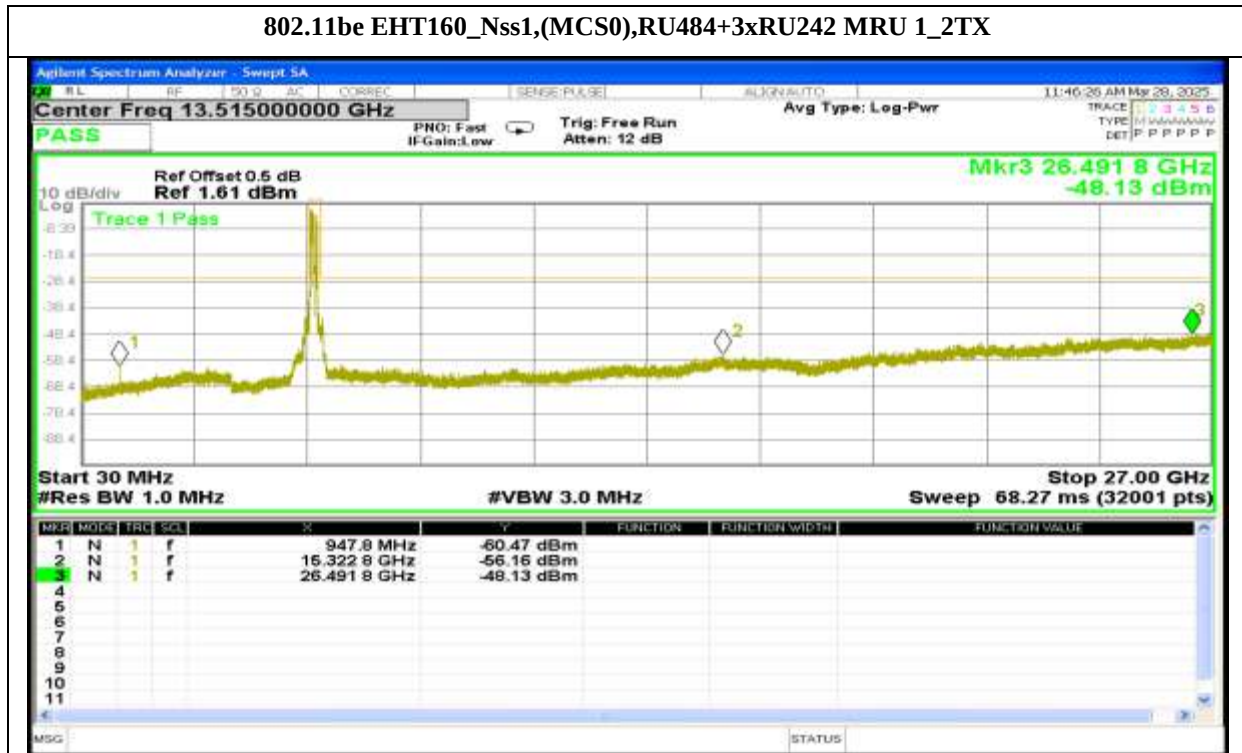
be160 5.570 GHz

802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX



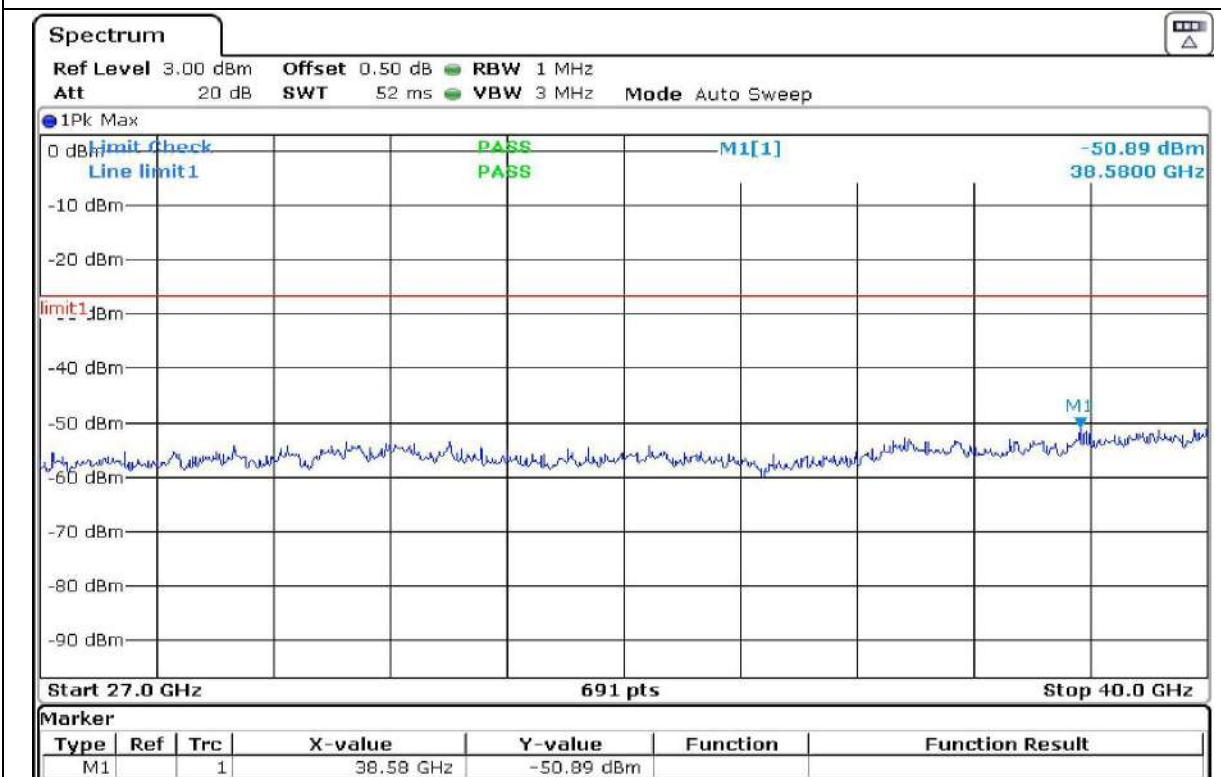
Report No.: AAEMT/RF/250131-01-02

802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX



Report No.: AAEMT/RF/250131-01-02

802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

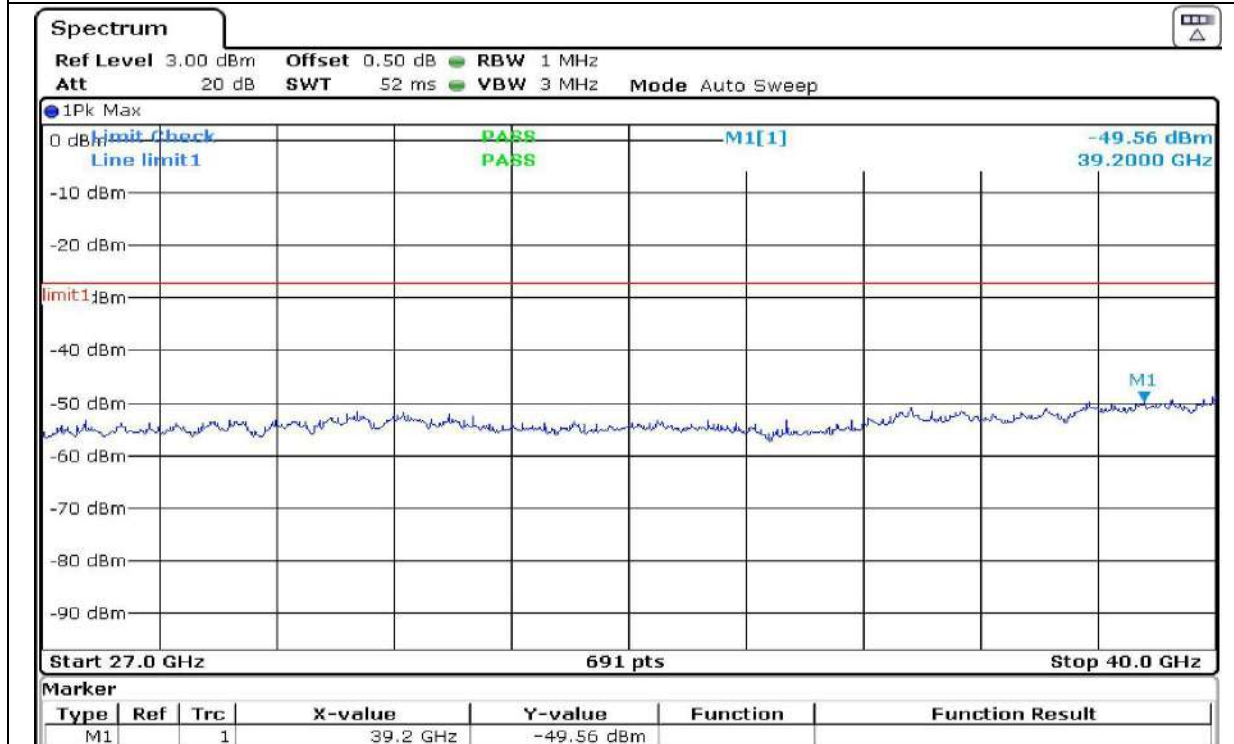


Report No.: AAEMT/RF/250131-01-02



Report No.: AAEMT/RF/250131-01-02

802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX



11. ANTENNA REQUIREMENTS

11.1. Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

11.2. EUT ANTENNA

The antennas used for this product are Metal Stamp Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 5.5 dBi. and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Antenna	Brand	Model Name	Antenna Type	Connector	Support	Radio	Antenna Gain (dBi)
Antenna 0	VVDN	601-1-1 1579	Metal Stamp Antenna	UFL	5.18G to 5.865G	Radio1-5 GHz	5.5
Antenna 1	VVDN	601-1-1 1579	Metal Stamp Antenna	UFL	5.18G to 5.865G	Radio1-5 GHz	5.5

Annexure:1 (Power Table)

Band 1

Frequency (MHz)	Mode	Data rate	Power setting	DG (dBi)	Antenna 1 (dBm)	Antenna 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
5180	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	19.07	18.51	21.81	30	27.31	36	Pass
5200	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	19.48	19.02	22.27	30	27.77	36	Pass
5240	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.52	19.94	23.25	30	28.75	36	Pass
5180	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	19.17	18.49	21.85	30	27.35	36	Pass
5200	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	19.35	18.96	22.17	30	27.67	36	Pass
5240	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	20.66	20.00	23.35	30	28.85	36	Pass
5180	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	19.25	18.56	21.93	30	27.43	36	Pass
5200	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	19.37	18.90	22.15	30	27.65	36	Pass
5240	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.46	20.05	23.27	30	28.77	36	Pass
5180	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	19.12	18.73	21.94	30	27.44	36	Pass
5200	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	19.46	18.99	22.24	30	27.74	36	Pass
5240	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.56	20.20	23.39	30	28.89	36	Pass
5180	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.12	19.22	22.18	30	27.68	36	Pass
5200	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	18.37	18.37	21.38	30	26.88	36	Pass
5240	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.47	19.47	22.48	30	27.98	36	Pass
5190	802.11n_40 MHz (CDD Mode)	MCS0	19	5.5	18.74	19.31	22.04	30	27.54	36	Pass
5230	802.11n_40 MHz (CDD Mode)	MCS0	19	5.5	20.33	20.36	23.35	30	28.85	36	Pass
5190	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	18.26	18.96	21.63	30	27.13	36	Pass
5230	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	20.36	20.52	23.45	30	28.95	36	Pass

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	MHz (CDD Mode)										
5190	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	18.66	19.31	22.01	30	27.51	36	Pass
5230	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	19.41	20.38	22.93	30	28.43	36	Pass
5190	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	17.46	19.08	21.36	30	26.86	36	Pass
5230	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	19.59	20.15	22.89	30	28.39	36	Pass
5210	802.11ac_80 MHz (CDD Mode)	MCS0	19	5.5	18.71	18.93	21.83	30	27.33	36	Pass
5210	802.11ax_80 MHz (CDD Mode)	MCS0	19	5.5	18.69	19.41	22.08	30	27.58	36	Pass
5210	802.11be_80 MHz (CDD Mode)	MCS0	19	5.5	18.79	18.74	21.77	30	27.27	36	Pass
Note: In Beamforming Mode, Directional gain will be antenna gain +3.01 dBi (I have used formula 10log(No. of antenna))											
5180	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.17	18.49	21.85	27.49	30.36	36	Pass
5200	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.35	18.96	22.17	27.49	30.68	36	Pass
5240	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.66	20.00	23.35	27.49	31.86	36	Pass
5180	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	19.25	18.56	21.93	27.49	30.44	36	Pass
5200	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	19.37	18.90	22.15	27.49	30.66	36	Pass
5240	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	20.46	20.05	23.27	27.49	31.78	36	Pass
5180	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.12	18.73	21.94	27.49	30.45	36	Pass
5200	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.46	18.99	22.24	27.49	30.75	36	Pass
5240	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.56	20.20	23.39	27.49	31.90	36	Pass
5180	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.12	19.22	22.18	27.49	30.69	36	Pass

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	MHz (Beamforming Mode)										
5200	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	18.37	18.37	21.38	27.49	29.89	36	Pass
5240	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.47	19.47	22.48	27.49	30.99	36	Pass
5190	802.11n_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.74	19.31	22.04	27.49	30.55	36	Pass
5230	802.11n_40 MHz (Beamforming Mode)	MCS0	19	8.51	20.33	20.36	23.35	27.49	31.86	36	Pass
5190	802.11ac_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.26	18.96	21.63	27.49	30.14	36	Pass
5230	802.11ac_40 MHz (Beamforming Mode)	MCS0	19	8.51	20.36	20.52	23.45	27.49	31.96	36	Pass
5190	802.11ax_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.66	19.31	22.01	27.49	30.52	36	Pass
5230	802.11ax_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.41	20.38	22.93	27.49	31.44	36	Pass
5190	802.11be_40 MHz (Beamforming Mode)	MCS0	19	8.51	17.46	19.08	21.36	27.49	29.87	36	Pass
5230	802.11be_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.59	20.15	22.89	27.49	31.40	36	Pass
5210	802.11ac_80 MHz (Beamforming Mode)	MCS0	19	8.51	18.71	18.93	21.83	27.49	30.34	36	Pass
5210	802.11ax_80 MHz (Beamforming Mode)	MCS0	19	8.51	18.69	19.41	22.08	27.49	30.59	36	Pass
5210	802.11ax_80 MHz (Beamforming Mode)	MCS0	19	8.51	18.79	18.74	21.77	27.49	30.28	36	Pass

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Band 2:

Frequency (MHz)	Mode	Data rate	Power setting	DG (dBi)	Antenna 1 (dBm)	Antenna 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
5260	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.47	20.60	23.55	23.98	29.05	29.98	Pass
5300	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	19.48	19.69	22.60	23.98	28.10	29.98	Pass
5320	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	18.84	18.81	21.84	23.98	27.34	29.98	Pass
5260	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	20.26	20.64	23.46	23.98	28.96	29.98	Pass
5300	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	19.4	19.63	22.53	23.98	28.03	29.98	Pass
5320	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	18.69	19.05	21.88	23.98	27.38	29.98	Pass
5260	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.34	20.71	23.54	23.98	29.04	29.98	Pass
5300	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	19.43	19.55	22.50	23.98	28.00	29.98	Pass
5320	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	18.76	18.99	21.89	23.98	27.39	29.98	Pass
5260	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.18	20.79	23.51	23.98	29.01	29.98	Pass
5300	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	19.37	19.72	22.56	23.98	28.06	29.98	Pass
5320	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	18.67	19.03	21.86	23.98	27.36	29.98	Pass
5260	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	20.1	19.87	23.00	23.98	28.50	29.98	Pass
5300	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.65	18.98	22.34	23.98	27.84	29.98	Pass
5320	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	18.8	20.1	22.51	23.98	28.01	29.98	Pass
5270	802.11n_40 MHz (CDD Mode)	54mbps	19	5.5	19.6	19.95	22.79	23.98	28.29	29.98	Pass
5310	802.11n_40 MHz (CDD Mode)	54mbps	19	5.5	18.38	18.52	21.46	23.98	26.96	29.98	Pass
5270	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	19.59	19.90	22.76	23.98	28.26	29.98	Pass
5310	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	18.42	18.67	21.56	23.98	27.06	29.98	Pass

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5270	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	19.37	19.90	22.65	23.98	28.15	29.98	Pass
5310	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	18.43	18.59	21.52	23.98	27.02	29.98	Pass
5270	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	18.91	19.7	22.33	23.98	27.83	29.98	Pass
5310	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	19.6	19.1	22.37	23.98	27.87	29.98	Pass
5290	802.11ac_80 MHz (CDD Mode)	MCS0	19	5.5	19.9	19.23	22.59	23.98	28.09	29.98	Pass
5290	802.11ax_80 MHz (CDD Mode)	MCS0	19	5.5	19.64	19.09	22.38	23.98	27.88	29.98	Pass
5290	802.11be_80 MHz (CDD Mode)	MCS0	19	5.5	19.09	18.73	21.92	23.98	27.42	29.98	Pass
5250	802.11ax_160 MHz (CDD Mode)	MCS0	16	5.5	16.04	15.54	18.81	23.98	24.31	29.98	Pass
5250	802.11be_160 MHz (CDD Mode)	MCS0	16	5.5	15.86	15.54	18.71	23.98	24.21	29.98	Pass
Note: In Beamforming Mode, Directional gain will be antenna gain +3.01 dBi (I have used formula 10log(No. of antenna))											
5260	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.89	17.07	19.99	21.97	28.50	29.98	Pass
5300	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.87	16.04	18.97	21.97	27.48	29.98	Pass
5320	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.25	15.47	18.37	21.97	26.88	29.98	Pass
5260	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	16.85	16.98	19.93	21.97	28.44	29.98	Pass
5300	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	16.04	16.21	19.14	21.97	27.65	29.98	Pass
5320	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	15.22	15.43	18.34	21.97	26.85	29.98	Pass
5260	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	17	17.21	20.12	21.97	28.63	29.98	Pass
5300	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.89	16.1	19.01	21.97	27.52	29.98	Pass
5320	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.21	15.42	18.33	21.97	26.84	29.98	Pass

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	MHz (Beamforming Mode)										
5260	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.76	16.34	19.07	21.97	27.58	29.98	Pass
5300	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	14.97	15.28	18.14	21.97	26.65	29.98	Pass
5320	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	14.37	14.56	17.48	21.97	25.99	29.98	Pass
5270	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.99	17.12	20.07	21.97	28.58	29.98	Pass
5310	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.74	15.98	18.87	21.97	27.38	29.98	Pass
5270	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	17.07	17.32	20.21	21.97	28.72	29.98	Pass
5310	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.63	15.91	18.78	21.97	27.29	29.98	Pass
5270	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	17.19	17.34	20.28	21.97	28.79	29.98	Pass
5310	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.58	15.79	18.70	21.97	27.21	29.98	Pass
5270	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.14	16.56	19.37	21.97	27.88	29.98	Pass
5310	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	14.64	15.18	17.93	21.97	26.44	29.98	Pass
5290	802.11ac_80 MHz (Beamforming Mode)	MCS0	16	8.51	16.22	16.41	19.33	21.97	27.84	29.98	Pass
5290	802.11ax_80 MHz (Beamforming Mode)	MCS0	16	8.51	16.23	16.47	19.36	21.97	27.87	29.98	Pass
5290	802.11ax_80 MHz	MCS0	16	8.51	19.09	15.73	20.74	21.97	29.25	29.98	Pass

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	(Beamforming Mode)										
5250	802.11ax_160 MHz (Beamforming Mode)	MCS0	16	8.51	16.04	15.54	18.81	21.97	27.32	29.98	Pass
5250	802.11be_160 MHz (Beamforming Mode)	MCS0	16	8.51	15.86	15.54	18.71	21.97	27.22	29.98	Pass

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Band 3:

Frequency (MHz)	Mode	Data rate	Power setting	DG (dBi)	Antenna 1 (dBm)	Antenna 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
5500	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.04	20.63	23.36	23.98	28.86	29.98	Pass
5580	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.38	20.79	23.60	23.98	29.10	29.98	Pass
5700	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.34	20.54	23.45	23.98	28.95	29.98	Pass
5500	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	20.16	20.70	23.45	23.98	28.95	29.98	Pass
5580	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	20.43	20.83	23.64	23.98	29.14	29.98	Pass
5700	802.11n_20 MHz (CDD Mode)	54mbps	20	5.5	20.33	20.45	23.40	23.98	28.90	29.98	Pass
5500	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.19	20.65	23.44	23.98	28.94	29.98	Pass
5580	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.2	20.68	23.46	23.98	28.96	29.98	Pass
5700	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.26	20.52	23.40	23.98	28.90	29.98	Pass
5500	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.15	20.71	23.45	23.98	28.95	29.98	Pass
5580	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.35	20.85	23.62	23.98	29.12	29.98	Pass
5700	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.31	20.50	23.42	23.98	28.92	29.98	Pass
5500	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.85	19.31	22.60	23.98	28.10	29.98	Pass
5580	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	20.4	19.97	23.20	23.98	28.70	29.98	Pass
5700	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.66	20.05	22.87	23.98	28.37	29.98	Pass
5510	802.11n_40 MHz (CDD Mode)	54mbps	19	5.5	19.25	19.65	22.46	23.98	27.96	29.98	Pass
5550	802.11n_40 MHz (CDD Mode)	54mbps	19	5.5	19.77	19.69	22.74	23.98	28.24	29.98	Pass
5670	802.11n_40 MHz (CDD Mode)	54mbps	19	5.5	19.53	18.69	22.14	23.98	27.64	29.98	Pass
5510	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	19.11	18.63	21.89	23.98	27.39	29.98	Pass
5550	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	18.73	18.52	21.64	23.98	27.14	29.98	Pass
5670	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	18.52	18.96	21.76	23.98	27.26	29.98	Pass
5510	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	19.19	19.17	22.19	23.98	27.69	29.98	Pass
5550	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	18.67	18.59	21.64	23.98	27.14	29.98	Pass
5670	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	18.5	18.59	21.56	23.98	27.06	29.98	Pass

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5510	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	18.65	18.78	21.73	23.98	27.23	29.98	Pass
5550	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	19.09	18.85	21.98	23.98	27.48	29.98	Pass
5670	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	18.94	19.22	22.09	23.98	27.59	29.98	Pass
5530	802.11ac_80 MHz (CDD Mode)	MCS0	19	5.5	19.72	18.89	22.34	23.98	27.84	29.98	Pass
5610	802.11ac_80 MHz (CDD Mode)	MCS0	19	5.5	18.89	18.48	21.70	23.98	27.20	29.98	Pass
5530	802.11ax_80 MHz (CDD Mode)	MCS0	19	5.5	19.86	19.83	22.86	23.98	28.36	29.98	Pass
5610	802.11ax_80 MHz (CDD Mode)	MCS0	19	5.5	19.04	18.44	21.76	23.98	27.26	29.98	Pass
5530	802.11be_80 MHz (CDD Mode)	MCS0	19	5.5	19.21	19.13	22.18	23.98	27.68	29.98	Pass
5610	802.11be_80 MHz (CDD Mode)	MCS0	19	5.5	18.69	18.74	21.73	23.98	27.23	29.98	Pass
5570	802.11ac_160 MHz (CDD Mode)	MCS0	18	5.5	17.8	18.15	20.99	23.98	26.49	29.98	Pass
5570	802.11ax_160 MHz (CDD Mode)	MCS0	18	5.5	17.83	18.23	21.04	23.98	26.54	29.98	Pass
5570	802.11be_160 MHz (CDD Mode)	MCS0	18	5.5	18.12	18.31	21.23	23.98	26.73	29.98	Pass
5710	802.11n_40 MHz (CDD Mode)	MCS0	16	5.5	16.04	15.84	18.95	23.98	24.45	29.98	Pass
5710	802.11ac_40 MHz (CDD Mode)	MCS0	16	5.5	15.99	15.66	18.84	23.98	24.34	29.98	Pass
5710	802.11ax_40 MHz (CDD Mode)	MCS0	16	5.5	15.9	15.5	18.71	23.98	24.21	29.98	Pass
5710	802.11be_40 MHz (CDD Mode)	MCS0	16	5.5	16.03	15.67	18.86	23.98	24.36	29.98	Pass
5690	802.11ac_80 MHz (CDD Mode)	MCS0	16	5.5	15.63	15.46	18.56	23.98	24.06	29.98	Pass
5690	802.11ax_80 MHz (CDD Mode)	MCS0	16	5.5	15.66	15.37	18.53	23.98	24.03	29.98	Pass
5690	802.11be_80 MHz (CDD Mode)	MCS0	16	5.5	15.74	15.44	18.60	23.98	24.10	29.98	Pass
5720	802.11a_20 MHz (CDD Mode)	MCS0	16	5.5	15.34	15.52	18.44	23.98	23.94	29.98	Pass
5720	802.11n_20 MHz (CDD Mode)	MCS0	16	5.5	15.41	15.52	18.48	23.98	23.98	29.98	Pass
5720	802.11ac_20 MHz (CDD Mode)	MCS0	16	5.5	15.31	15.49	18.41	23.98	23.91	29.98	Pass
5720	802.11ax_20 MHz (CDD Mode)	MCS0	16	5.5	15.4	15.55	18.49	23.98	23.99	29.98	Pass
5720	802.11be_20 MHz (CDD Mode)	MCS0	16	5.5	15.38	15.62	18.51	23.98	24.01	29.98	Pass
Note: In Beamforming Mode, Directional gain will be antenna gain +3.01 dBi (I have used formula 10log(No. of antenna))											
5500	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.76	16.98	19.88	21.97	28.39	29.98	Pass
5580	802.11n_20 MHz (Beamforming	MCS0	16	8.51	16.96	17.12	20.05	21.97	28.56	29.98	Pass

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	Mode)										
5700	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.56	16.74	19.66	21.97	28.17	29.98	Pass
5500	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	16.7	16.92	19.82	21.97	28.33	29.98	Pass
5580	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	16.77	16.93	19.86	21.97	28.37	29.98	Pass
5700	802.11ac_20MHz (Beamforming Mode)	MCS0	16	8.51	16.47	16.72	19.61	21.97	28.12	29.98	Pass
5500	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.65	16.83	19.75	21.97	28.26	29.98	Pass
5580	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.89	17.04	19.98	21.97	28.49	29.98	Pass
5700	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	16.42	16.70	19.57	21.97	28.08	29.98	Pass
5500	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.85	16.31	19.10	21.97	27.61	29.98	Pass
5580	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.9	16.37	19.15	21.97	27.66	29.98	Pass
5700	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.66	16.05	18.87	21.97	27.38	29.98	Pass
5510	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.47	16.71	19.60	21.97	28.11	29.98	Pass
5550	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.29	16.42	19.37	21.97	27.88	29.98	Pass
5670	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.81	16.03	18.93	21.97	27.44	29.98	Pass
5510	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.39	16.52	19.47	21.97	27.98	29.98	Pass
5550	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.41	16.70	19.57	21.97	28.08	29.98	Pass
5670	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.78	16.04	18.92	21.97	27.43	29.98	Pass
5510	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.41	16.68	19.56	21.97	28.07	29.98	Pass
5550	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.41	16.65	19.54	21.97	28.05	29.98	Pass

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5670	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.83	16.12	18.99	21.97	27.50	29.98	Pass
5510	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.65	15.78	18.73	21.97	27.24	29.98	Pass
5550	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.09	15.85	18.98	21.97	27.49	29.98	Pass
5670	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	14.94	15.22	18.09	21.97	26.60	29.98	Pass
5530	802.11ac_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.67	15.79	18.74	21.97	27.25	29.98	Pass
5610	802.11ac_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.48	15.63	18.57	21.97	27.08	29.98	Pass
5530	802.11ax_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.71	15.97	18.85	21.97	27.36	29.98	Pass
5610	802.11ax_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.49	15.72	18.62	21.97	27.13	29.98	Pass
5530	802.11be_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.21	15.13	18.18	21.97	26.69	29.98	Pass
5610	802.11be_80 MHz (Beamforming Mode)	MCS0	16	8.51	14.69	14.74	17.73	21.97	26.24	29.98	Pass
5570	802.11ac_160 MHz (Beamforming Mode)	MCS0	16	8.51	16.09	16.28	19.20	21.97	27.71	29.98	Pass
5570	802.11ax_160 MHz (Beamforming Mode)	MCS0	16	8.51	16.08	16.31	19.21	21.97	27.72	29.98	Pass
5570	802.11be_160 MHz (Beamforming Mode)	MCS0	16	8.51	15.12	15.31	19.21	21.97	27.72	29.98	Pass
5710	802.11n_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.04	15.84	18.23	21.97	26.74	29.98	Pass
5710	802.11ac_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.99	15.66	18.95	21.97	27.46	29.98	Pass
5710	802.11ax_40 MHz (Beamforming Mode)	MCS0	16	8.51	15.9	15.5	18.84	21.97	27.35	29.98	Pass
5710	802.11be_40 MHz (Beamforming Mode)	MCS0	16	8.51	16.03	15.67	18.71	21.97	27.22	29.98	Pass
5690	802.11ac_80 MHz	MCS0	16	8.51	15.63	15.46	18.86	21.97	27.37	29.98	Pass

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	(Beamforming Mode)										
5690	802.11ax_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.66	15.37	18.56	21.97	27.07	29.98	Pass
5690	802.11be_80 MHz (Beamforming Mode)	MCS0	16	8.51	15.74	15.44	18.53	21.97	27.04	29.98	Pass
5720	802.11a_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.34	15.52	18.60	21.97	27.11	29.98	Pass
5720	802.11n_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.41	15.52	18.44	21.97	26.95	29.98	Pass
5720	802.11ac_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.31	15.49	18.48	21.97	26.99	29.98	Pass
5720	802.11ax_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.4	15.55	18.41	21.97	26.92	29.98	Pass
5720	802.11be_20 MHz (Beamforming Mode)	MCS0	16	8.51	15.38	15.62	18.49	21.97	27.00	29.98	Pass

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Band 4:

5745	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	19.08	19.08	22.09	30	27.59	36	Pass
5785	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.2	19.71	22.97	30	28.47	36	Pass
5825	802.11a_20 MHz (CDD Mode)	6mbps	20	5.5	20.01	20.29	23.16	30	28.66	36	Pass
5745	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	19.11	18.92	22.03	30	27.53	36	Pass
5785	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	20.12	19.93	23.04	30	28.54	36	Pass
5825	802.11n_20 MHz (CDD Mode)	MCS0	20	5.5	20.09	20.27	23.19	30	28.69	36	Pass
5745	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	18.97	19.01	22.00	30	27.50	36	Pass
5785	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	20.31	19.60	22.98	30	28.48	36	Pass
5825	802.11ac_20MHz (CDD Mode)	MCS0	20	5.5	19.94	20.19	23.08	30	28.58	36	Pass
5745	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	18.96	18.85	21.92	30	27.42	36	Pass

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5785	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.2	19.61	22.93	30	28.43	36	Pass
5825	802.11ax_20 MHz (CDD Mode)	MCS0	20	5.5	20.07	20.10	23.10	30	28.60	36	Pass
5745	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	18.46	18.35	21.42	30	26.92	36	Pass
5785	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.86	19.32	22.61	30	28.11	36	Pass
5825	802.11be_20 MHz (CDD Mode)	MCS0	20	5.5	19.67	19.52	22.61	30	28.11	36	Pass
5755	802.11n_40 MHz (CDD Mode)	MCS0	19	5.5	19.45	19.60	22.54	30	28.04	36	Pass
5795	802.11n_40 MHz (CDD Mode)	MCS0	19	5.5	18.81	18.31	21.58	30	27.08	36	Pass
5755	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	19.18	18.51	21.87	30	27.37	36	Pass
5795	802.11ac_40 MHz (CDD Mode)	MCS0	19	5.5	18.9	18.23	21.59	30	27.09	36	Pass
5755	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	19.1	19.61	22.37	30	27.87	36	Pass

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5795	802.11ax_40 MHz (CDD Mode)	MCS0	19	5.5	19.9	19.32	22.63	30	28.13	36	Pass
5755	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	18.64	18.14	21.41	30	26.91	36	Pass
5795	802.11be_40 MHz (CDD Mode)	MCS0	19	5.5	19.58	19.42	22.51	30	28.01	36	Pass
5775	802.11ac_80 MHz (CDD Mode)	MCS0	19	5.5	19.79	18.47	22.19	30	27.69	36	Pass
5775	802.11ax_80 MHz (CDD Mode)	MCS0	19	5.5	19.72	18.37	22.11	30	27.61	36	Pass
5775	802.11be_80 MHz (CDD Mode)	MCS0	19	5.5	19.41	19.15	22.29	30	27.79	36	Pass
Note: In Beamforming Mode, Directional gain will be antenna gain +3.01 dBi (I have used formula $10\log(\text{No. of antenna})$)											
5745	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.11	18.92	22.03	27.49	30.54	36	Pass
5785	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.12	19.93	23.04	27.49	31.55	36	Pass
5825	802.11n_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.09	20.27	23.19	27.49	31.70	36	Pass

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5745	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	18.97	19.01	22.00	27.49	30.51	36	Pass
5785	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	20.31	19.60	22.98	27.49	31.49	36	Pass
5825	802.11ac_20MHz (Beamforming Mode)	MCS0	20	8.51	19.94	20.19	23.08	27.49	31.59	36	Pass
5745	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	18.96	18.85	21.92	27.49	30.43	36	Pass
5785	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.2	19.61	22.93	27.49	31.44	36	Pass
5825	802.11ax_20 MHz (Beamforming Mode)	MCS0	20	8.51	20.07	20.10	23.10	27.49	31.61	36	Pass
5745	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	18.46	18.35	21.42	27.49	29.93	36	Pass
5785	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.86	19.32	22.61	27.49	31.12	36	Pass
5825	802.11be_20 MHz (Beamforming Mode)	MCS0	20	8.51	19.67	19.52	22.61	27.49	31.12	36	Pass
5755	802.11n_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.45	19.60	22.54	27.49	31.05	36	Pass

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5795	802.11n_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.81	18.31	21.58	27.49	30.09	36	Pass
5755	802.11ac_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.18	18.51	21.87	27.49	30.38	36	Pass
5795	802.11ac_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.9	18.23	21.59	27.49	30.10	36	Pass
5755	802.11ax_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.1	19.61	22.37	27.49	30.88	36	Pass
5795	802.11ax_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.9	19.32	22.63	27.49	31.14	36	Pass
5755	802.11be_40 MHz (Beamforming Mode)	MCS0	19	8.51	18.64	18.14	21.41	27.49	29.92	36	Pass
5795	802.11be_40 MHz (Beamforming Mode)	MCS0	19	8.51	19.58	19.42	22.51	27.49	31.02	36	Pass
5775	802.11ac_80 MHz (Beamforming Mode)	MCS0	19	8.51	19.79	18.47	22.19	27.49	30.70	36	Pass
5775	802.11ax_80 MHz (Beamforming Mode)	MCS0	19	8.51	19.72	18.37	22.11	27.49	30.62	36	Pass
5775	802.11be_80 MHz (Beamforming Mode)	MCS0	19	8.51	19.41	19.15	22.29	27.49	30.80	36	Pass

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Note 2: Total Average Power (dBm) = $10 \cdot \log\{10^{(\text{Ant 0 Average Power}/10)} + 10^{(\text{Ant 1 Average Power}/10)}\}$ (dBm).

Directional gain = G_{ANT} + array gain

For CDD Mode, Array Gain is zero for output power measurements

For Beamforming Mode, Array Gain = $10 \log (\text{No of antenna})$
 $10 \log (2) = 3.01$

DG (Beamforming) 5.5+3.01=8.51dBi

Note: I considered duty factor already added in output power at both antenna power



****End of Report****