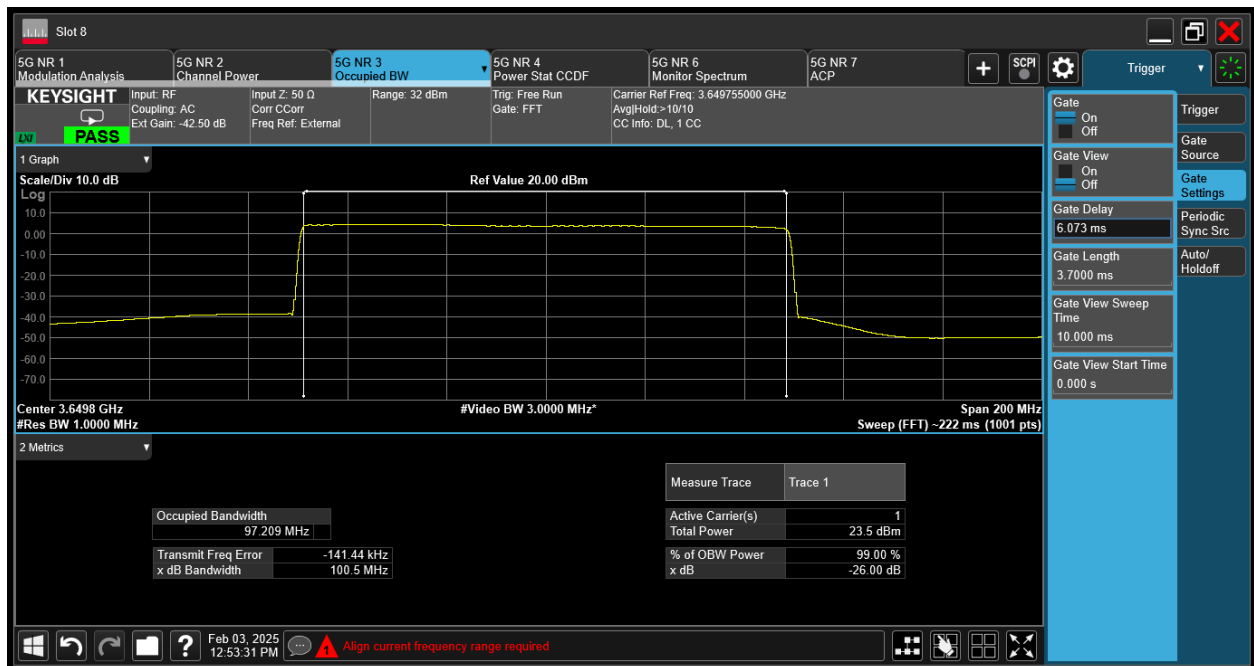
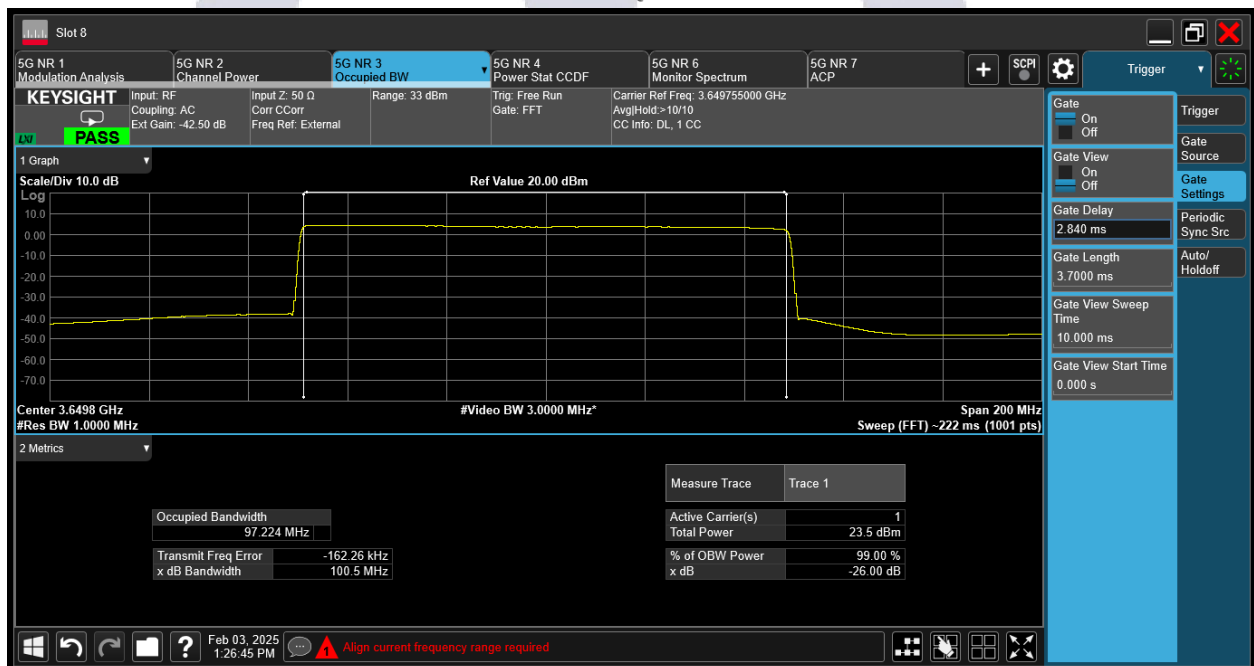


Report No.: AAEMT/RF/241224-01-01

64 QAM



256 QAM

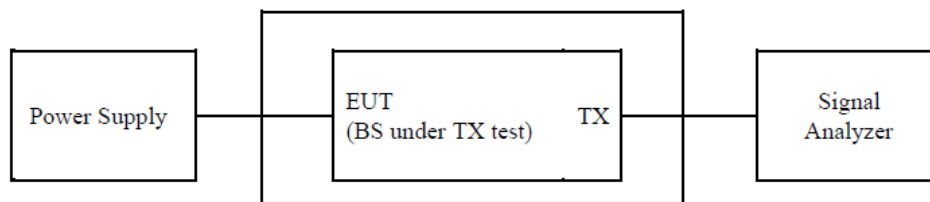


5.5 PEAK TO AVERAGE RATIO

1.14.1 Limits of Peak to Average Ratio Measurement

IN MEASURING TRANSMISSIONS IN THIS BAND USING AN AVERAGE POWER TECHNIQUE, THE PEAK TO-AVERAGE RATIO (PAR) OF THE TRANSMISSION MAY NOT EXCEED 13 DB.

1.14.2 Test Setup



1.14.3 Test Procedures

1. SET RESOLUTION/MEASUREMENT BANDWIDTH $\geq$ SIGNAL'S OCCUPIED BANDWIDTH;
2. SET THE NUMBER OF COUNTS TO A VALUE THAT STABILIZES THE MEASURED CCDF CURVE;
3. RECORD THE MAXIMUM PAPR LEVEL ASSOCIATED WITH A PROBABILITY OF 0.1 %.

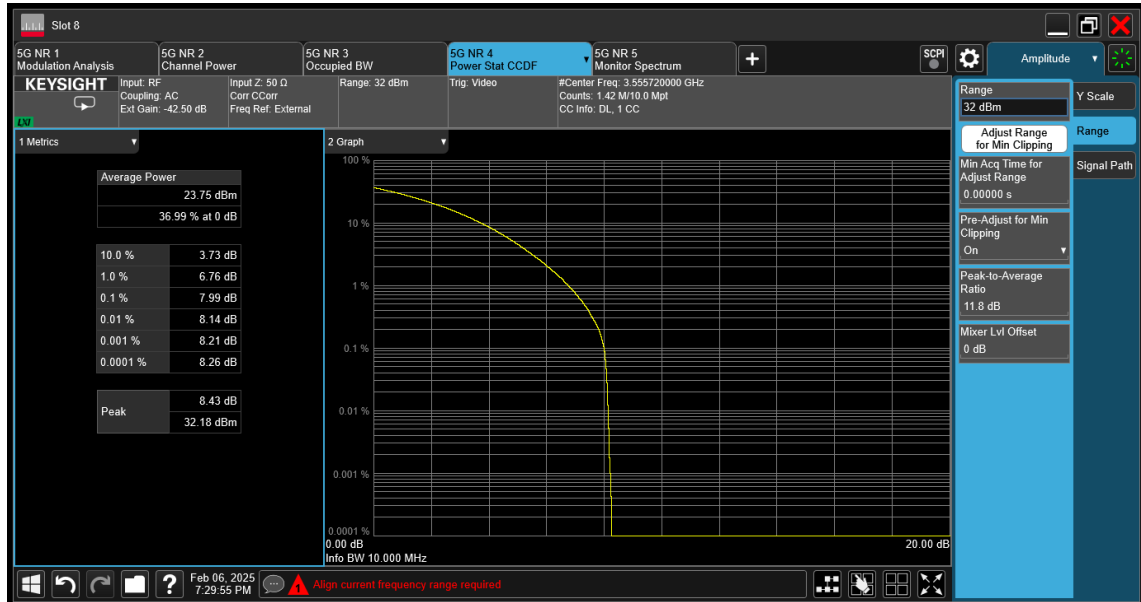
1.14.4 Test Result

Frequency (MHz)	Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
3555.72	10	8.14	≤ 13.00	Pass
3625.005	10	8.21	≤ 13.00	Pass
3694.29	10	8.27	≤ 13.00	Pass
3560.01	20	9.03	≤ 13.00	Pass
3625.005	20	9.17	≤ 13.00	Pass
3690	20	8.71	≤ 13.00	Pass
3570.24	40	8.39	≤ 13.00	Pass
3625.005	40	8.36	≤ 13.00	Pass
3679.755	40	8.45	≤ 13.00	Pass
3590.025	80	9.72	≤ 13.00	Pass
3625.005	80	9.56	≤ 13.00	Pass
3660	80	9.87	≤ 13.00	Pass
3600.255	100	8.33	≤ 13.00	Pass
3625.005	100	8.30	≤ 13.00	Pass
3649.755	100	8.45	≤ 13.00	Pass

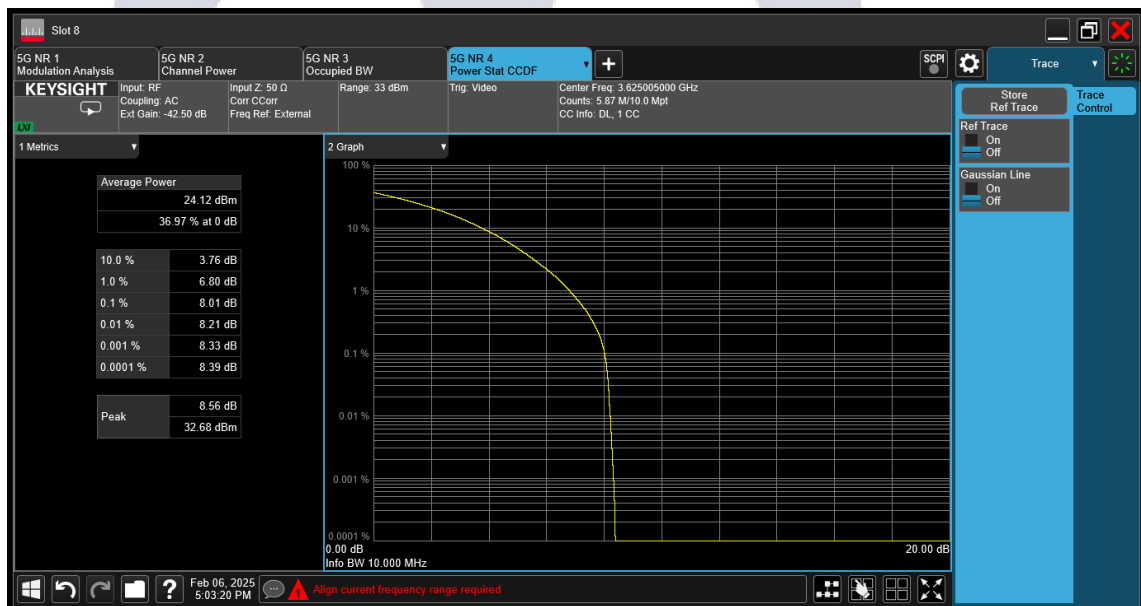
Report No.: AAEMT/RF/241224-01-01

Test Plots

10 MHz @3555.72MHz

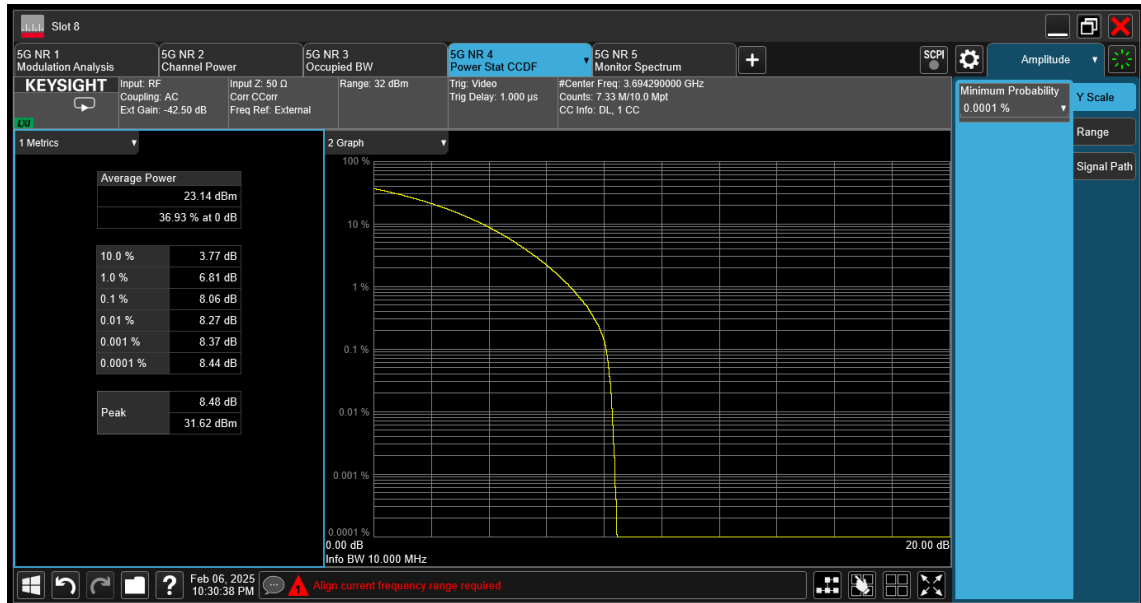


BW: 10 MHz- 3625.005MHz



Report No.: AAEMT/RF/241224-01-01

BM 10MHz@ 3694.29MHz

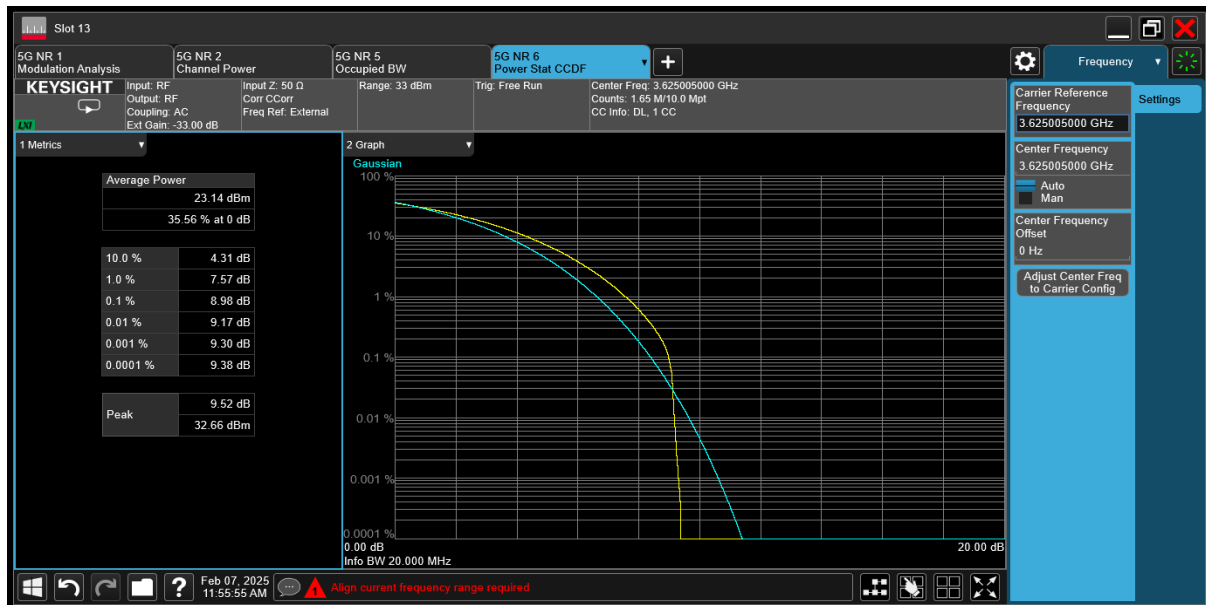


BW:20MHz@3560.010MHz

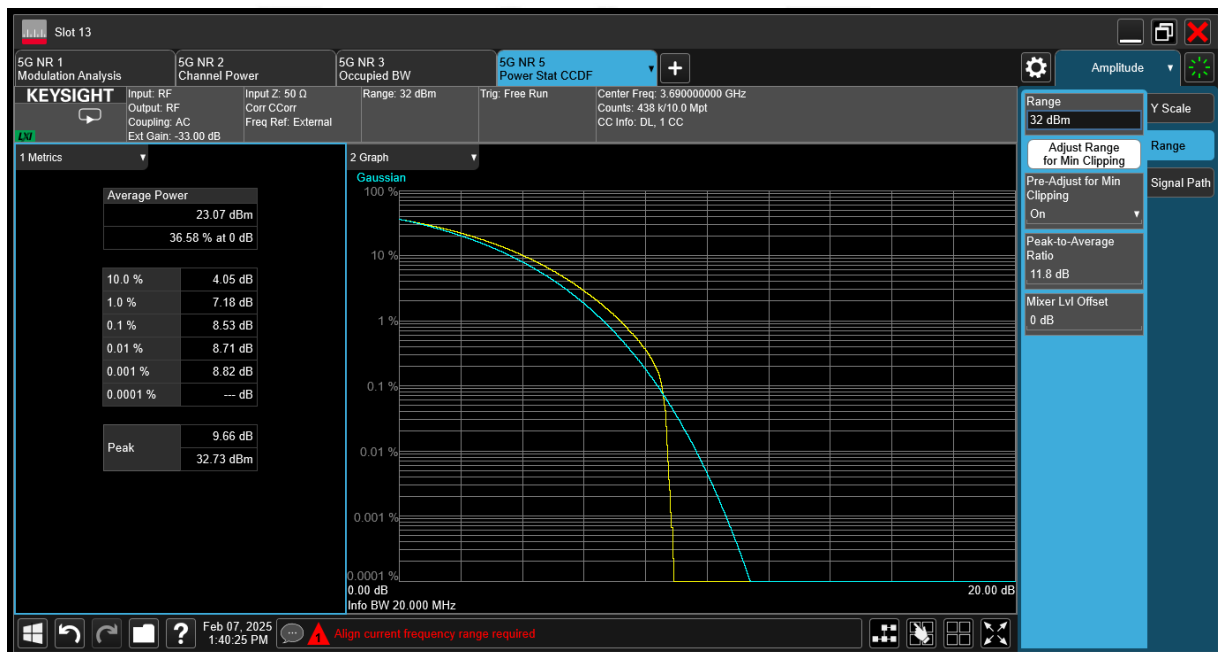


Report No.: AAEMT/RF/241224-01-01

BW:20MHz@3625.005MHz

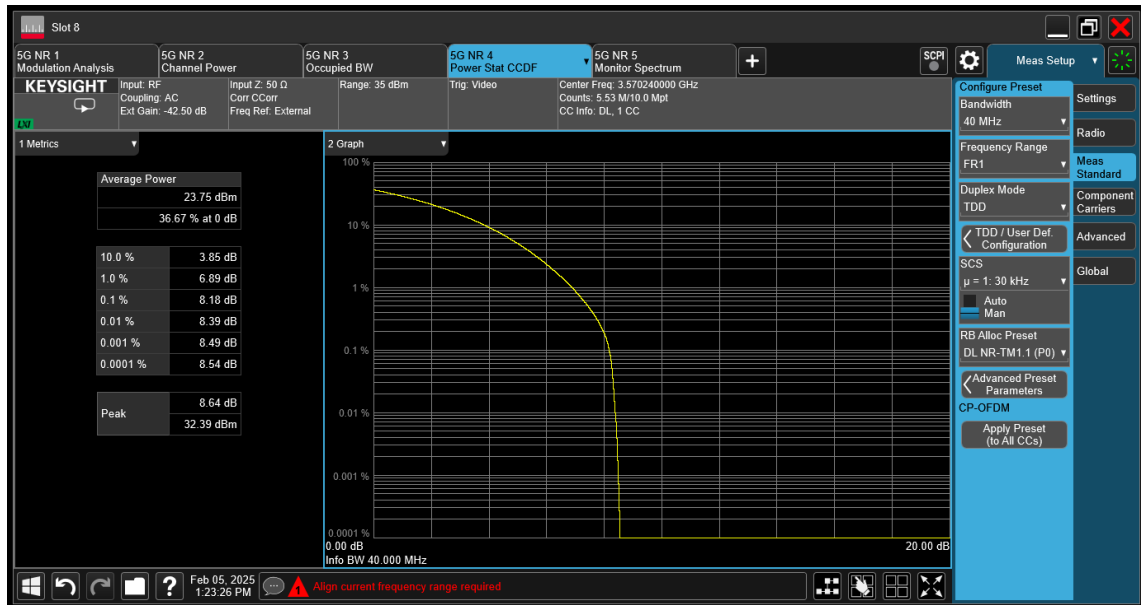


BW:20MHz@3690MHz

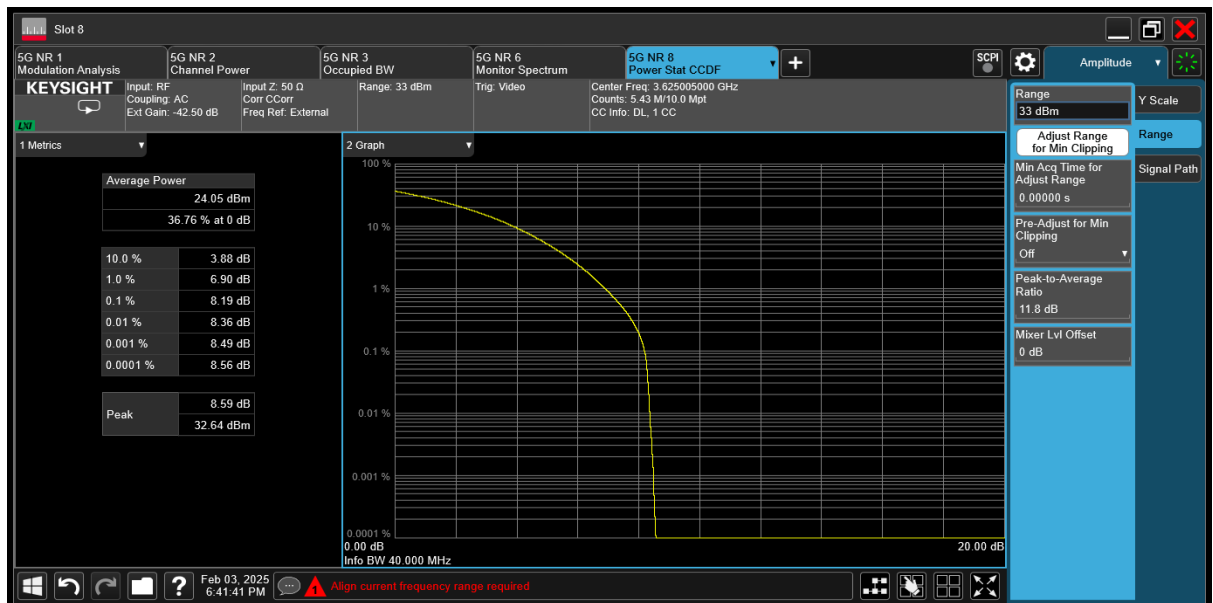


Report No.: AAEMT/RF/241224-01-01

BW:40MHz@3570.24MHz

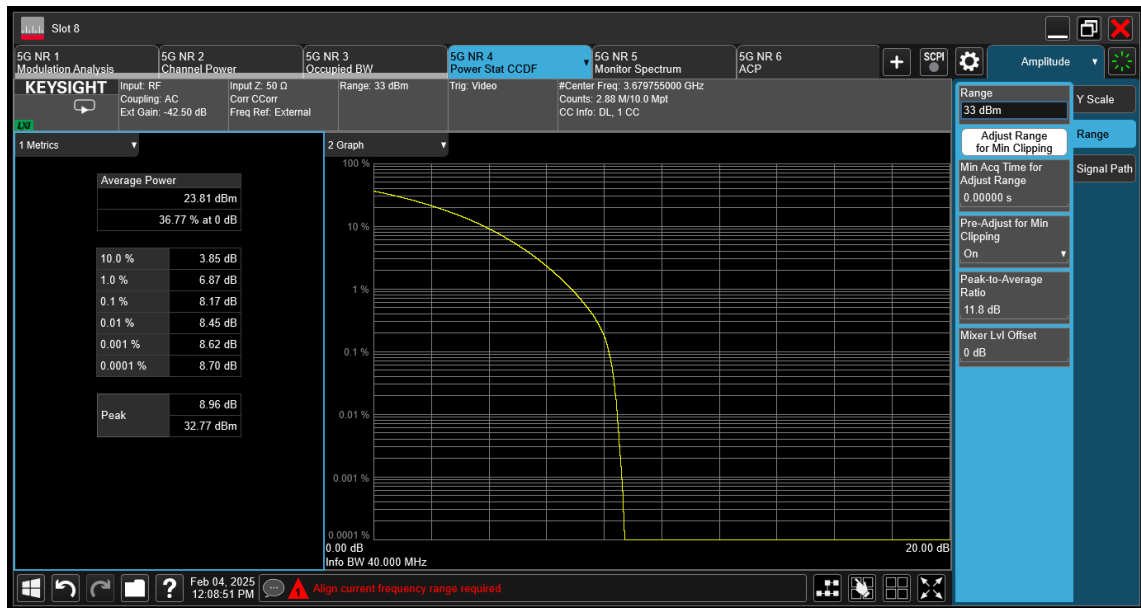


BW:40MHz@3625.005MHz

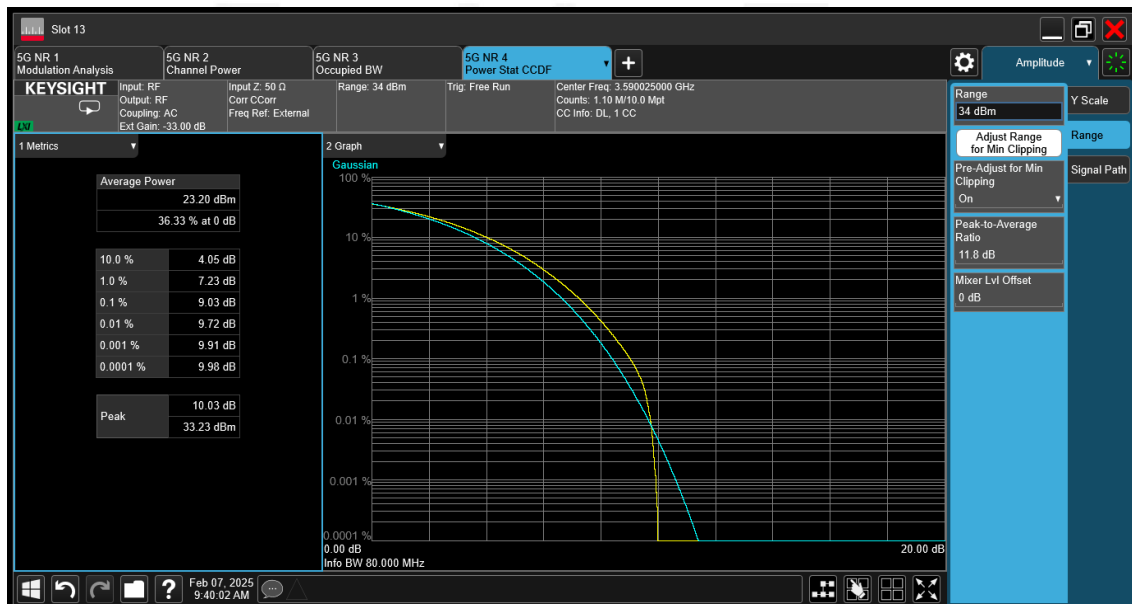


Report No.: AAEMT/RF/241224-01-01

BW:40MHz@3679.755 MHz

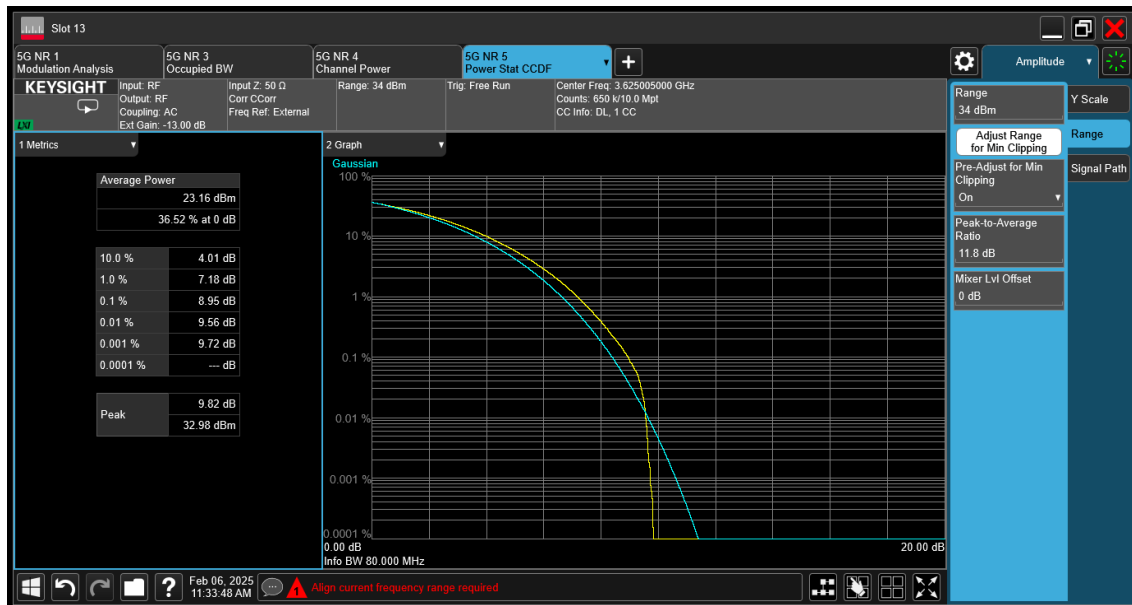


BW:80MHz@3590.025 MHz



Report No.: AAEMT/RF/241224-01-01

BW:80MHz@3625.005 MHz

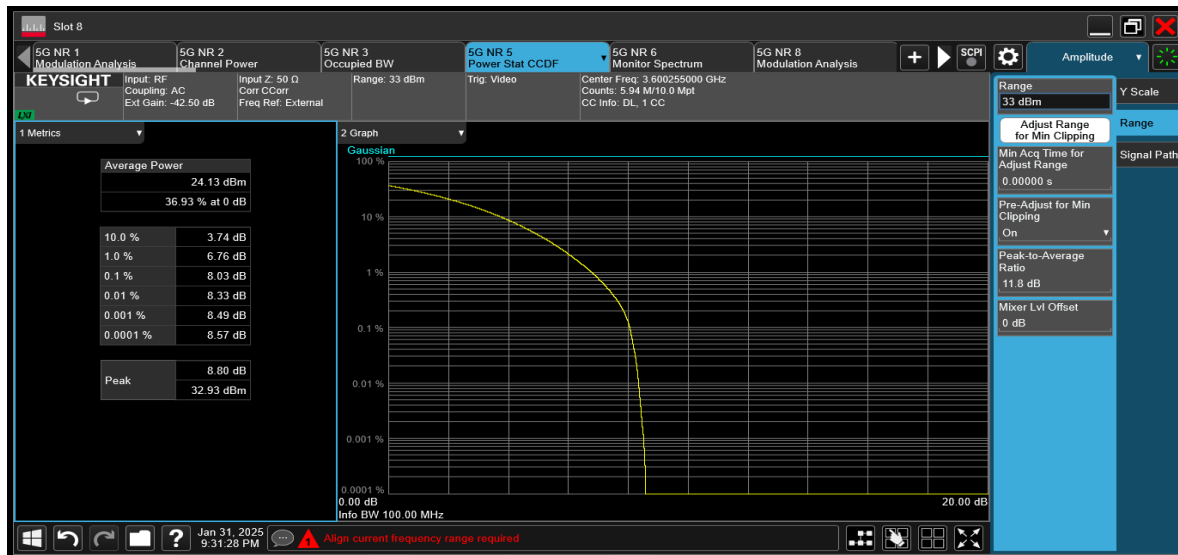


BW:80MHz@3660.000 MHz

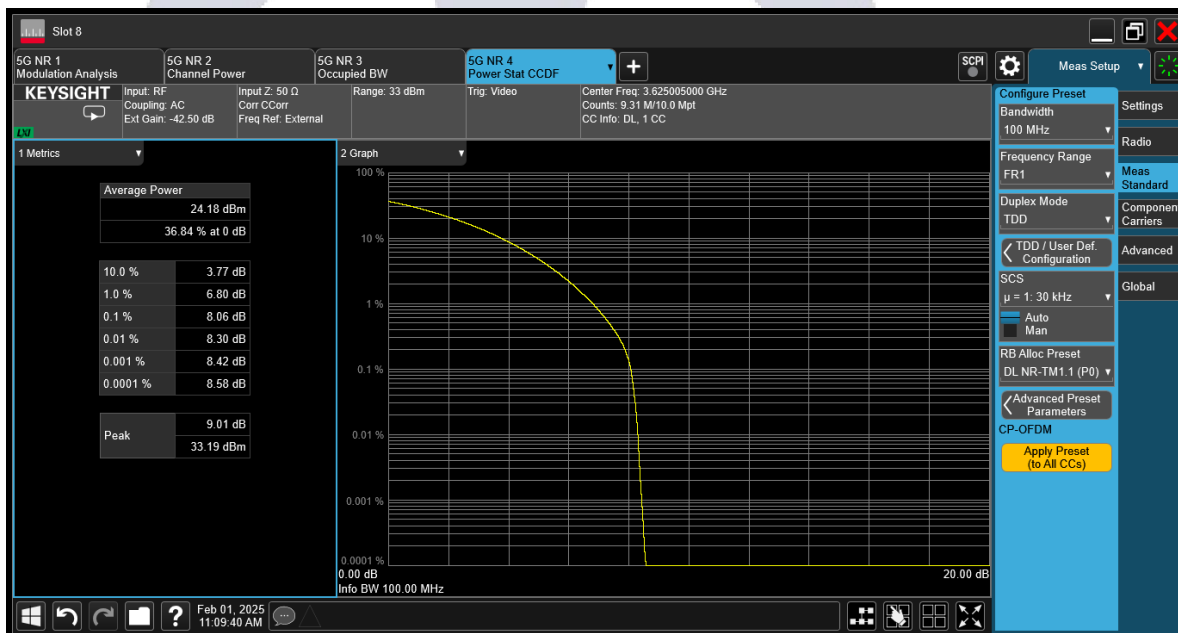


Report No.: AAEMT/RF/241224-01-01

BW:100MHz@3600.255 MHz

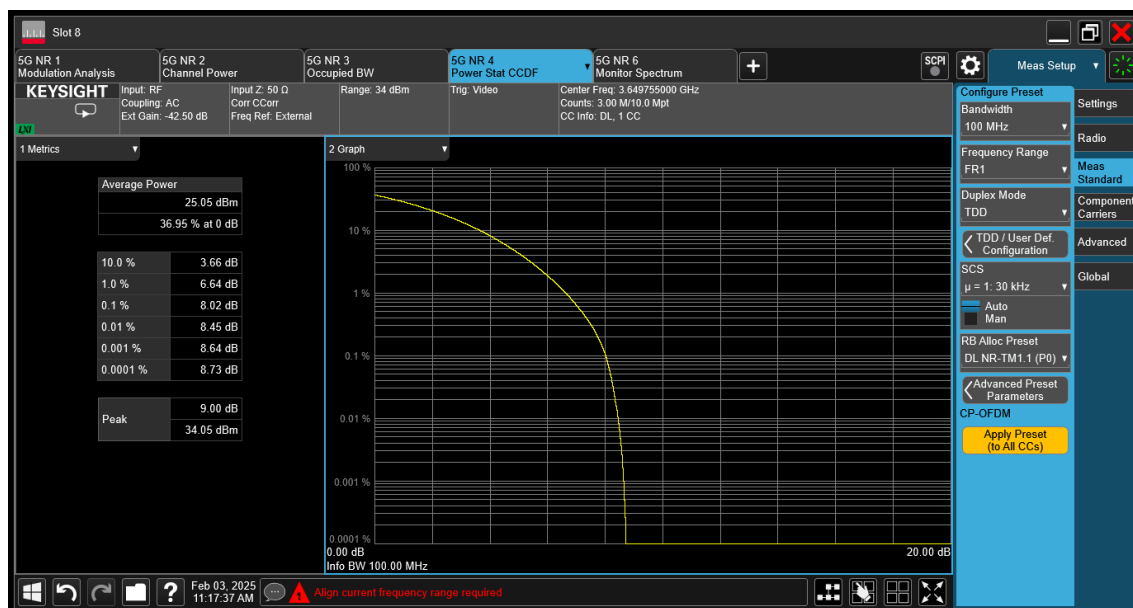


BW:100MHz@3625.005 MHz



Report No.: AAEMT/RF/241224-01-01

BW:100MHz@3649.755 MHz



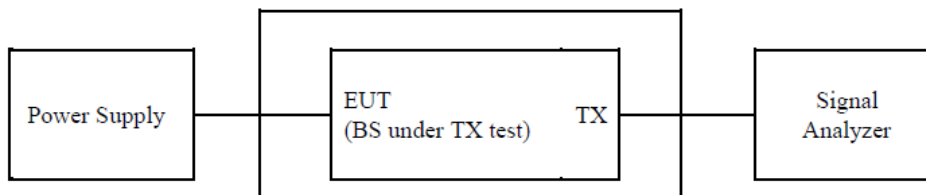
Note:- Testing is carried out in all possible configuration , only worst case plot reported.

1.15 Conducted Spurious Emissions

1.15.1 Limits of Conducted Spurious Emissions Measurement

Power of any emissions outside the Fundamental	Limit
Within 0-10MHz above the Assigned Channel	-13 dBm/MHz
Within 0-10MHz below the Assigned Channel	
Greater than 0-10MHz above the Assigned Channel	-25 dBm/MHz
Greater than 0-10MHz below the Assigned Channel	
Power of any emission below 3530MHz	-40 dBm/MHz
Power of any emission above 3720MHz	

1.15.2 Test Setup



1.15.3 Test Procedure

1. Set the analyzer frequency to low or high channel.
2. RBW = 100kHz or 1MHz
3. VBW $\geq 3 \times$ RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple.

To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

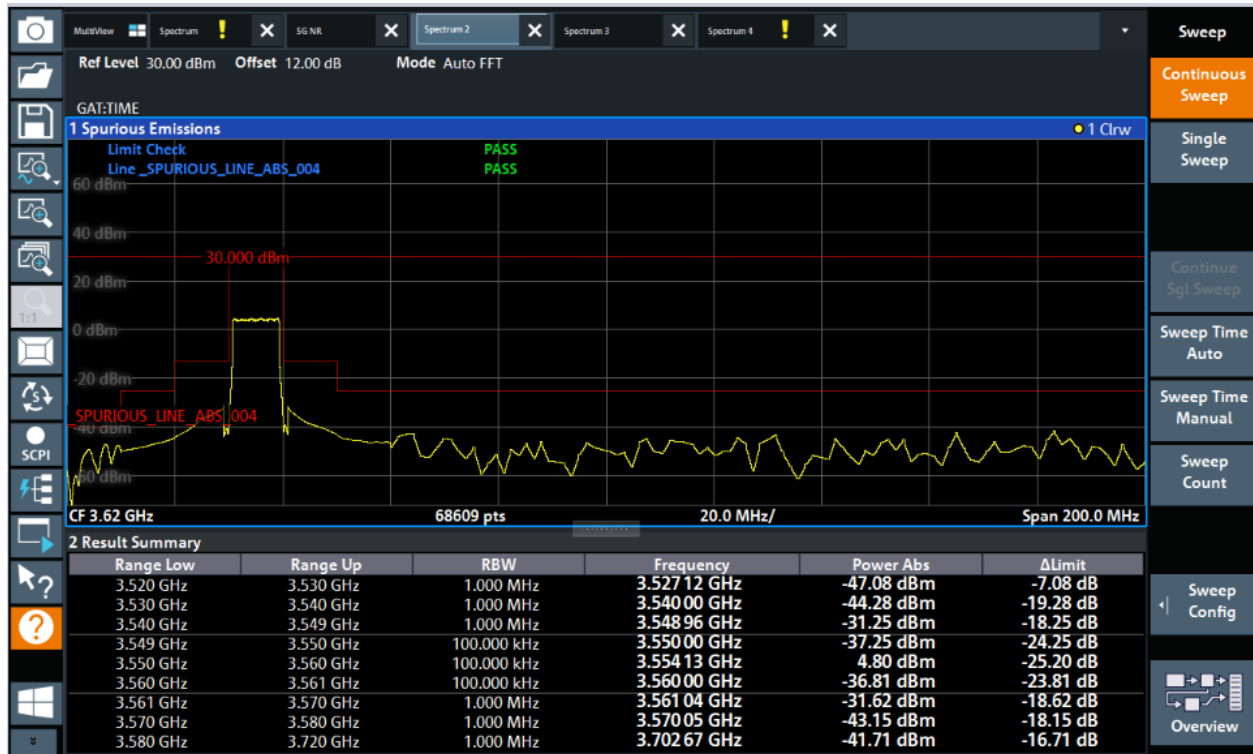
SR. NO.	FREQUENCY RANGE	RBW
1.	9KHZ~30MHZ	100KHZ
2.	30MHZ~3GHZ	1MHZ
3.	3GHZ~20GHZ	1MHZ

Report No.: AAEMT/RF/241224-01-01

1.15.4 Test Results

10MHz @3555.72MHz

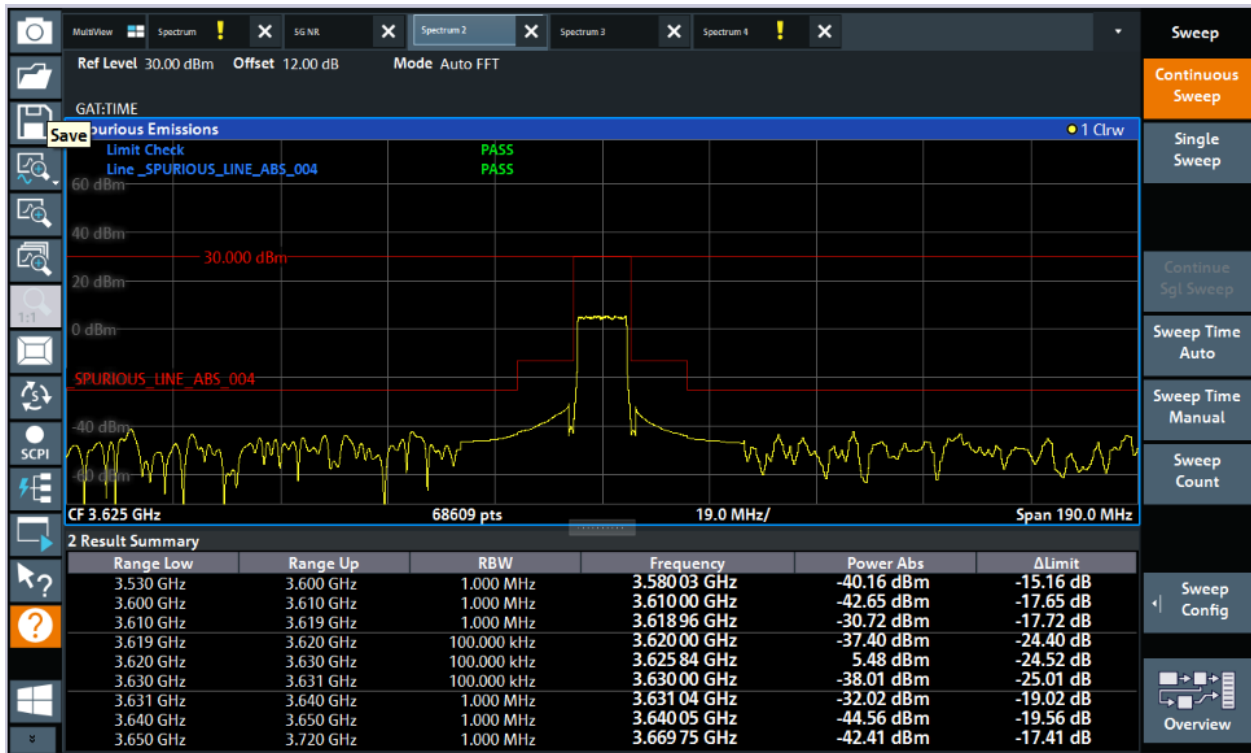
ANT1



Report No.: AAEMT/RF/241224-01-01

10MHz @3625.005MHz

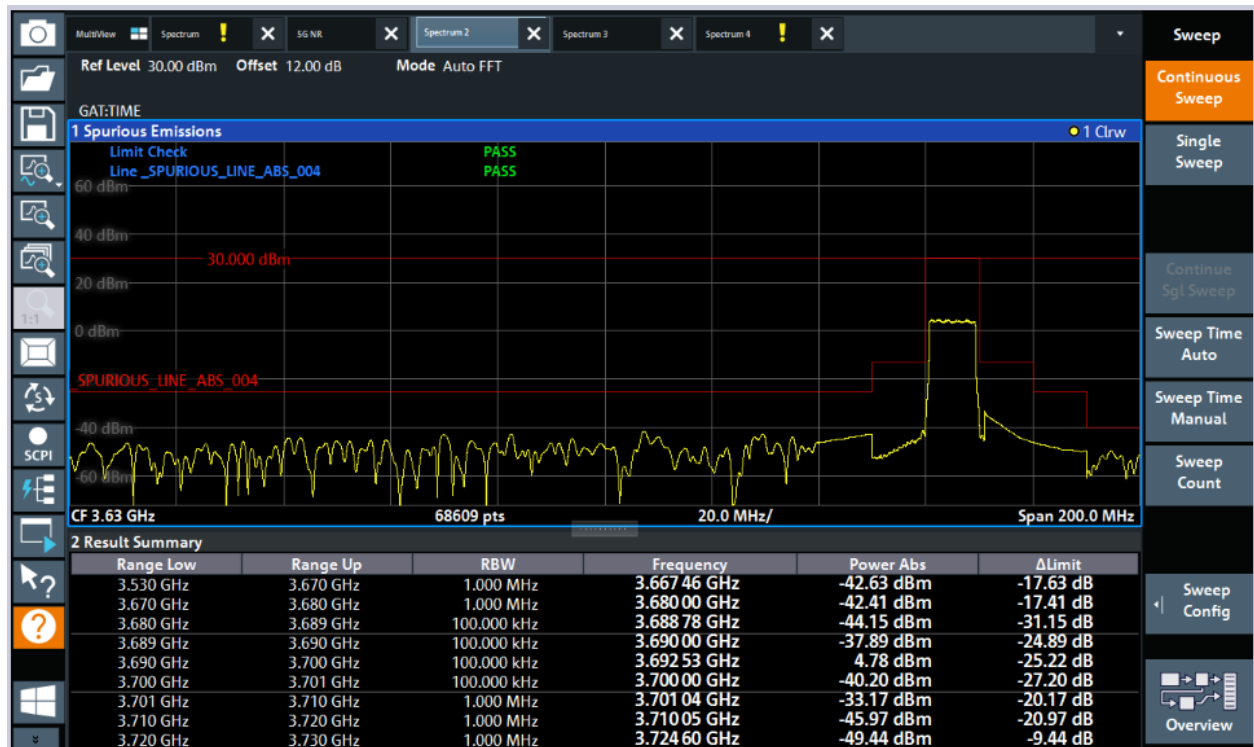
ANT1



Report No.: AAEMT/RF/241224-01-01

10MHz @3694.29MHz

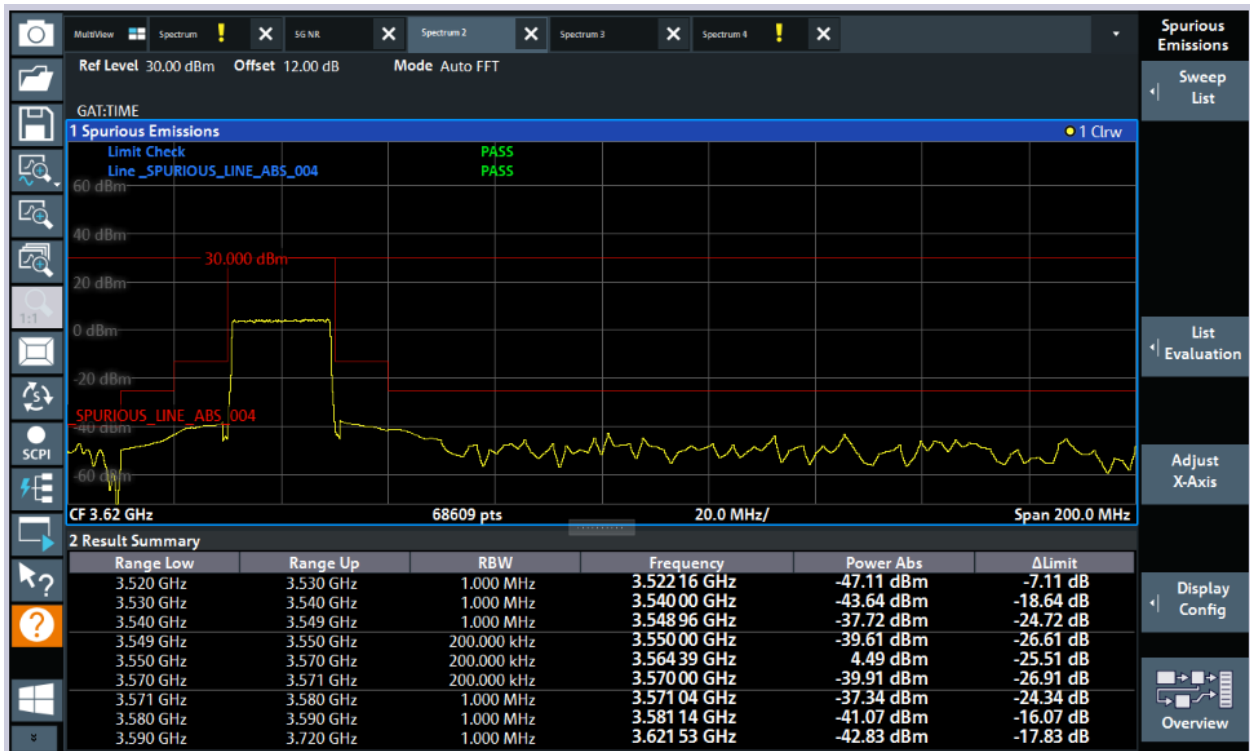
ANT1



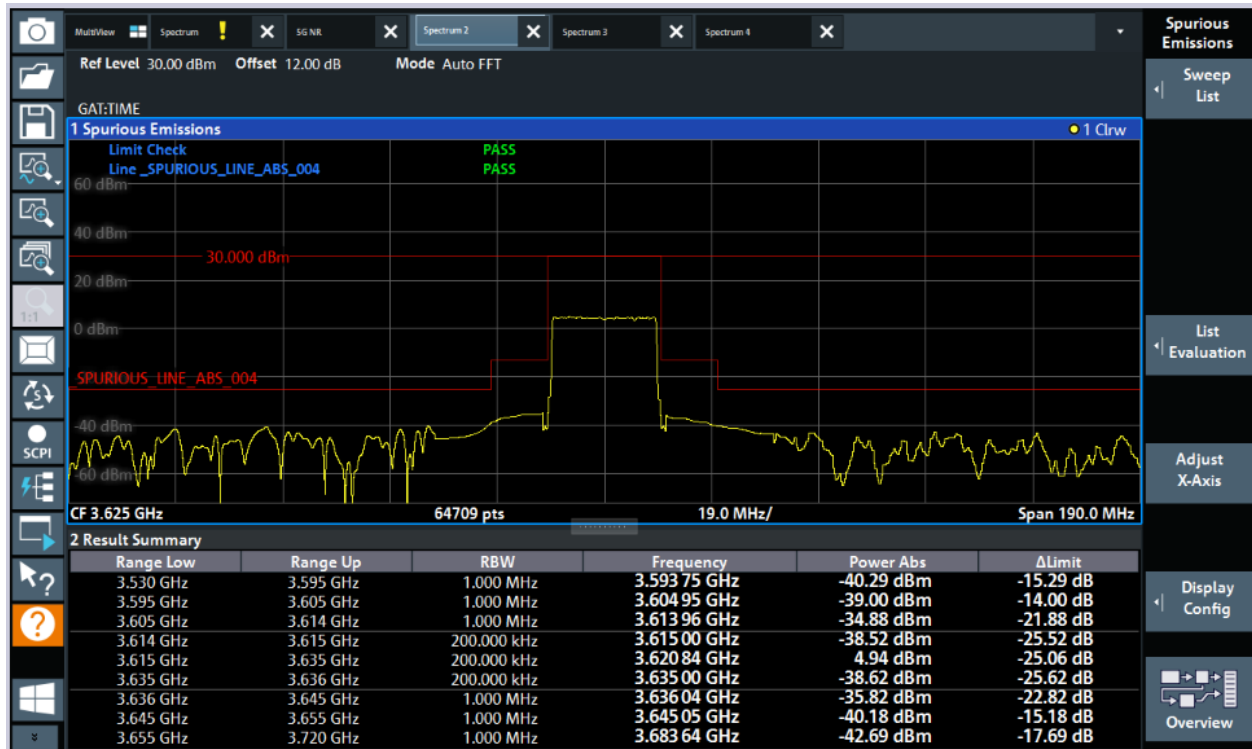
Report No.: AAEMT/RF/241224-01-01

20MHz @3560.01MHz

ANT1



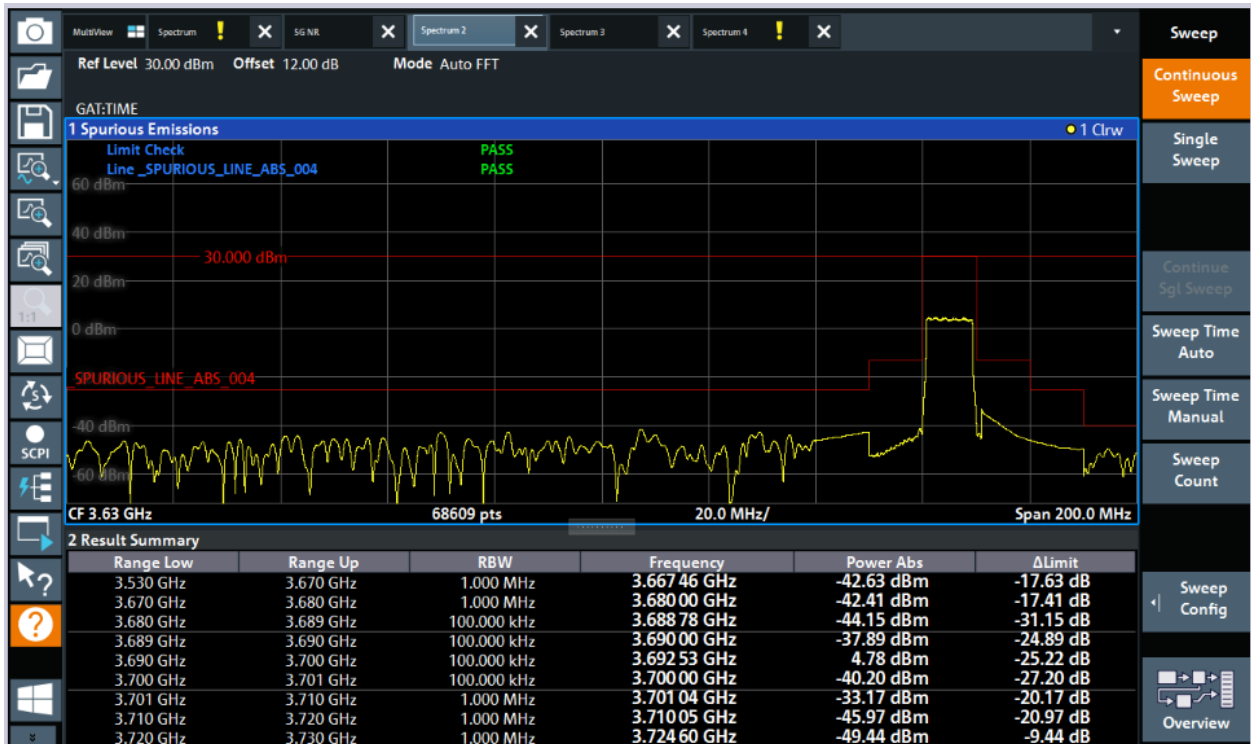
Report No.: AAEMT/RF/241224-01-01
20MHz @3625.005MHz
ANT1



Report No.: AAEMT/RF/241224-01-01

20MHz @3690MHz

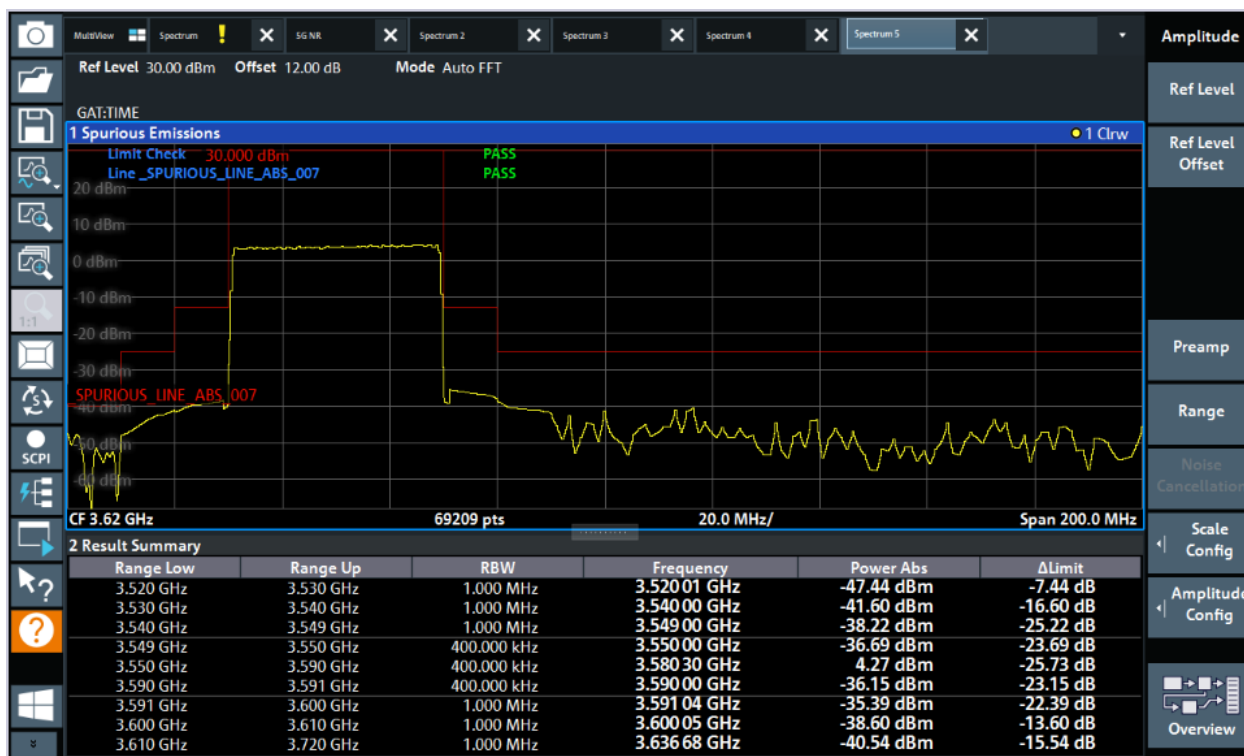
ANT1



Report No.: AAEMT/RF/241224-01-01

40MHz @3570.24MHz

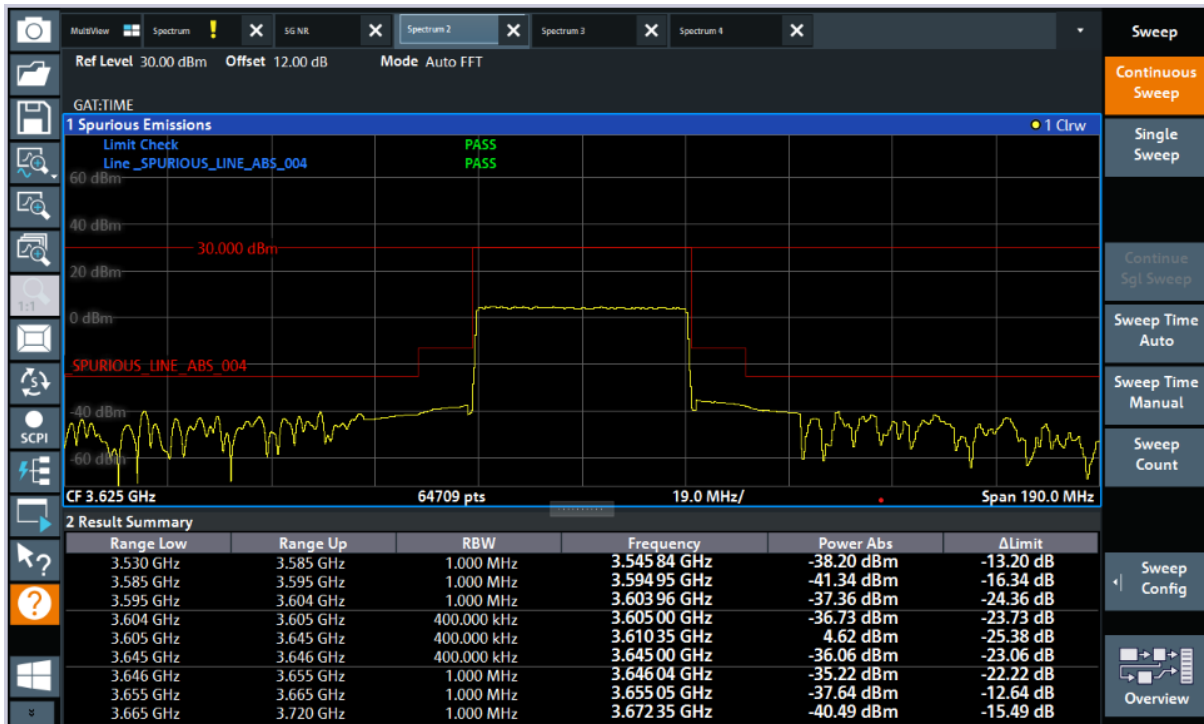
ANT1



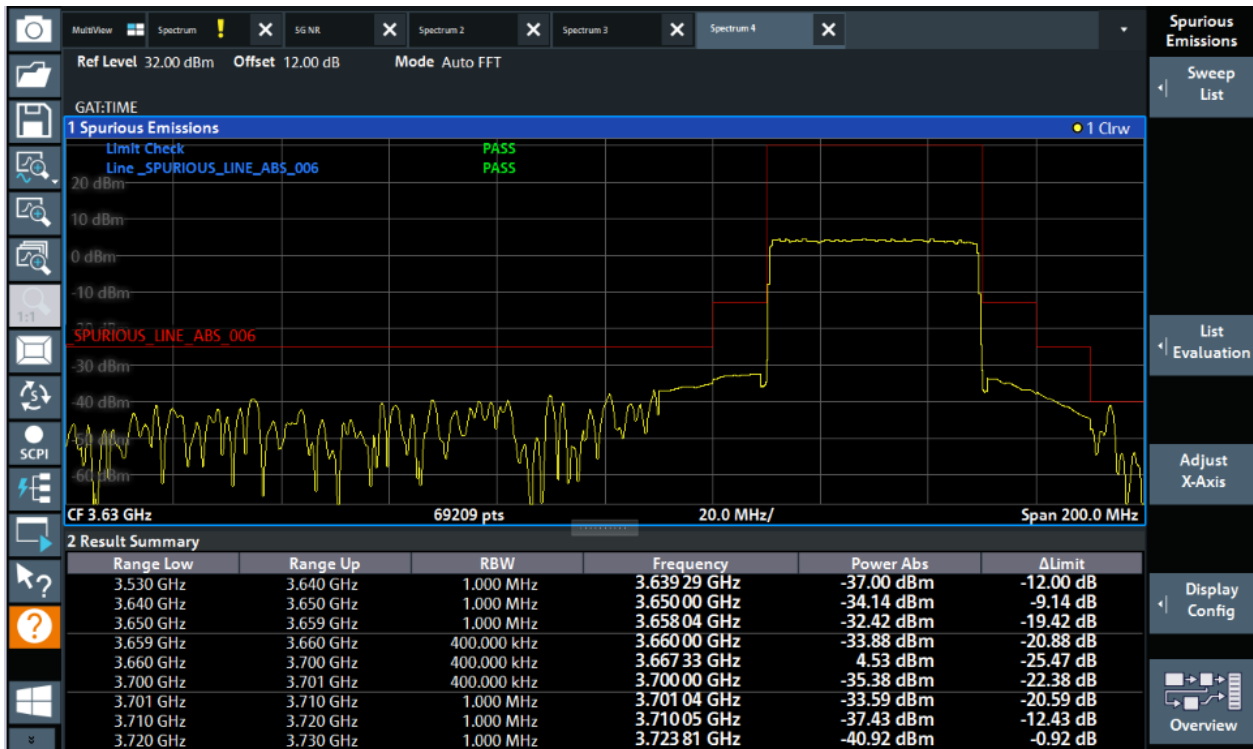
Report No.: AAEMT/RF/241224-01-01

40MHz @3625.005MHz

ANT1



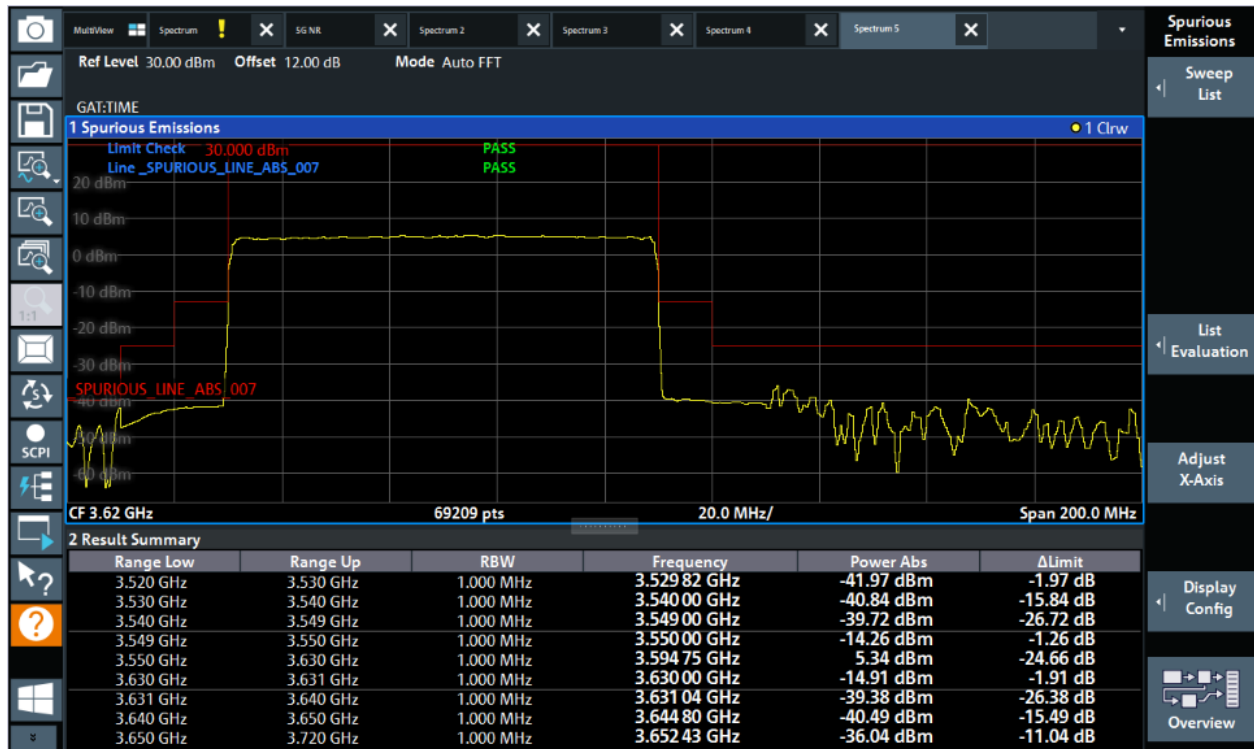
Report No.: AAEMT/RF/241224-01-01
40MHz @3679.755MHz
ANT1



Report No.: AAEMT/RF/241224-01-01

80MHz @3590.025MHz

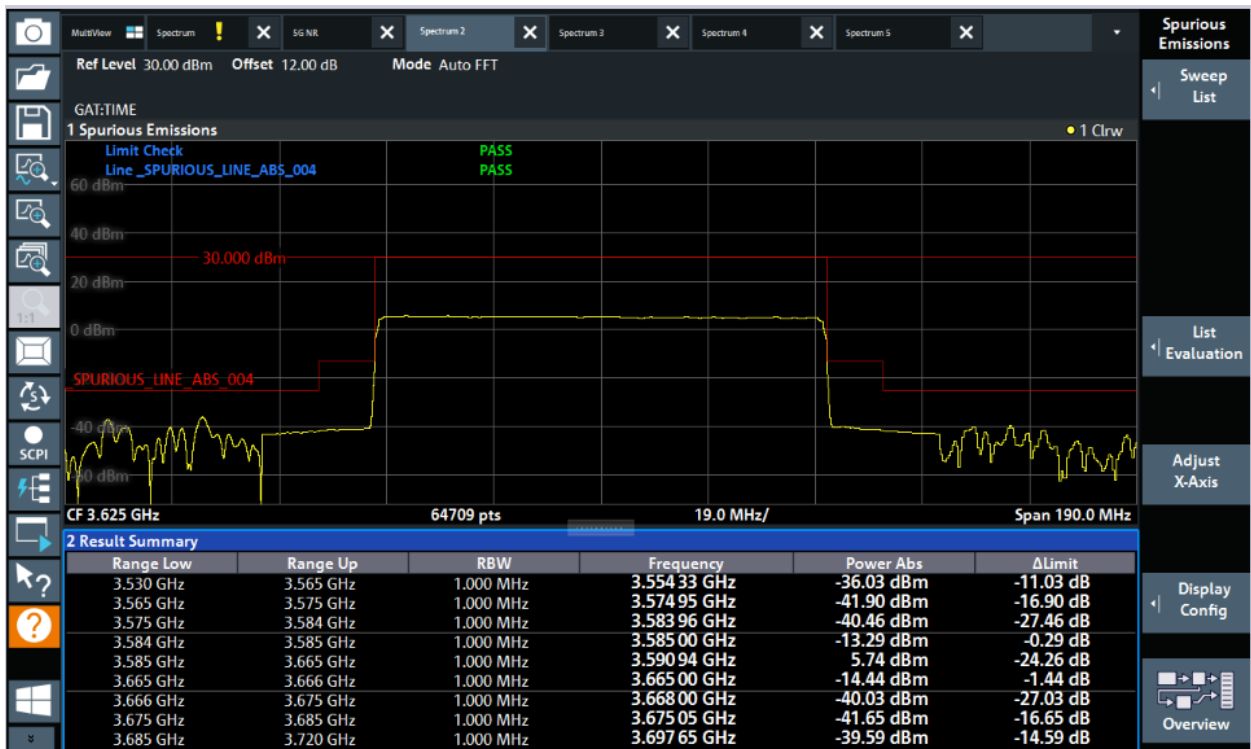
ANT1



Report No.: AAEMT/RF/241224-01-01

80MHz @3625.005MHz

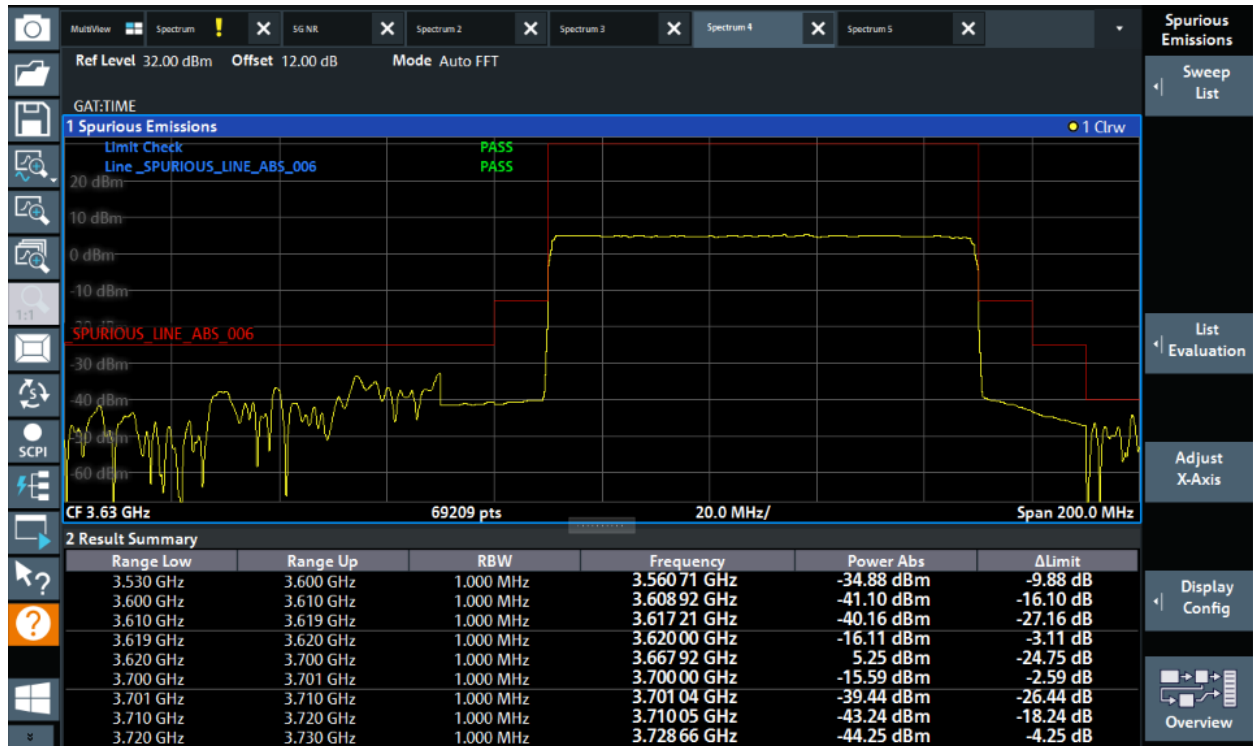
ANT1



Report No.: AAEMT/RF/241224-01-01

80MHz @3660MHz

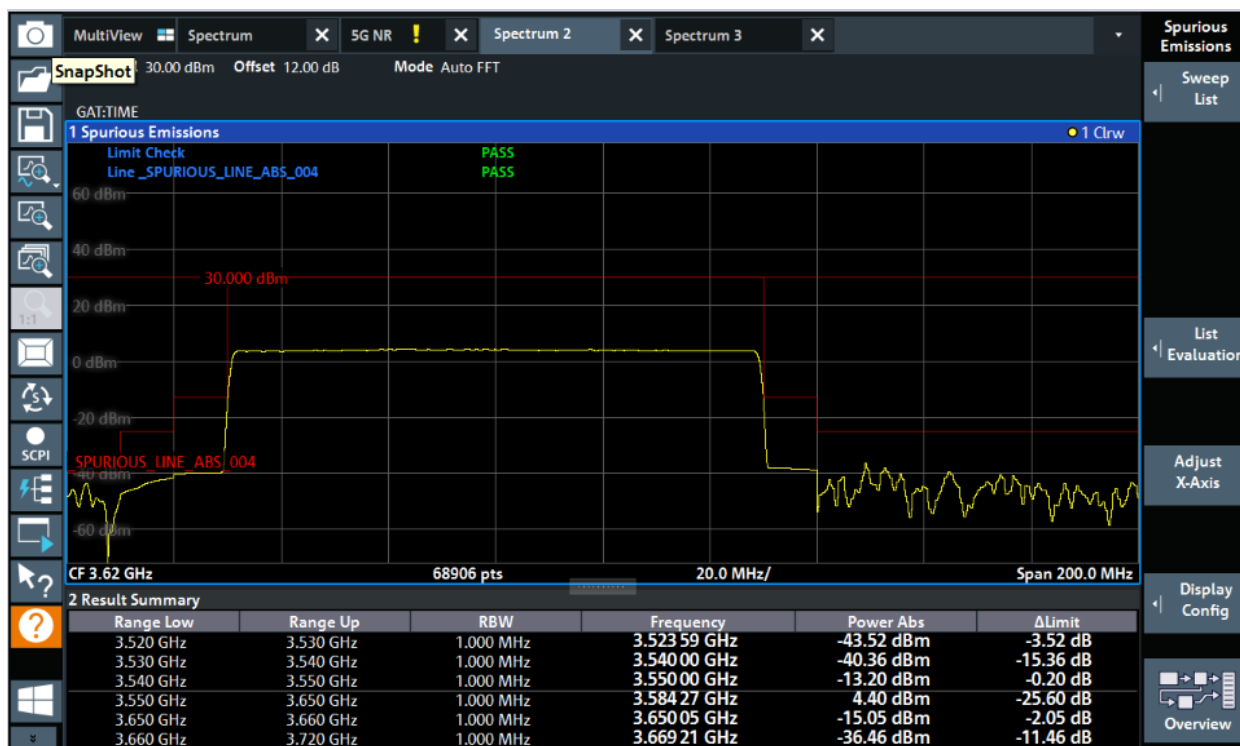
ANT1



Report No.: AAEMT/RF/241224-01-01

100MHz @3600.255MHz

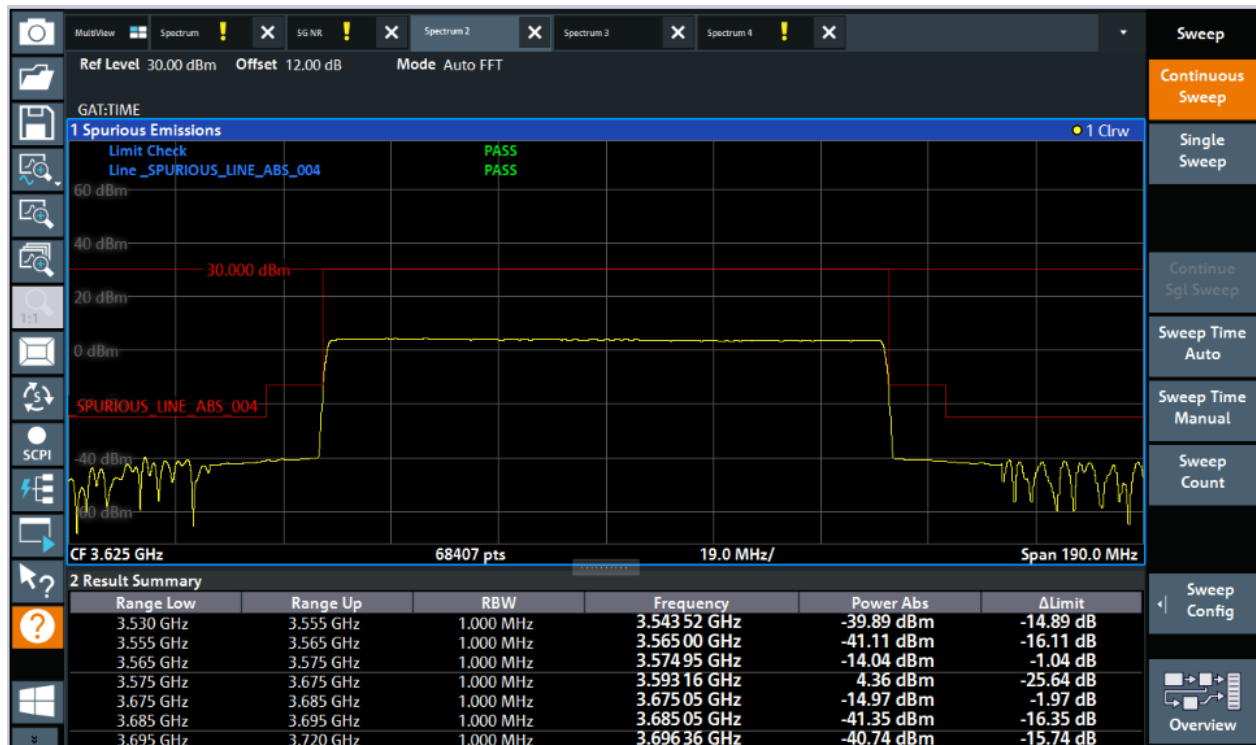
ANT1



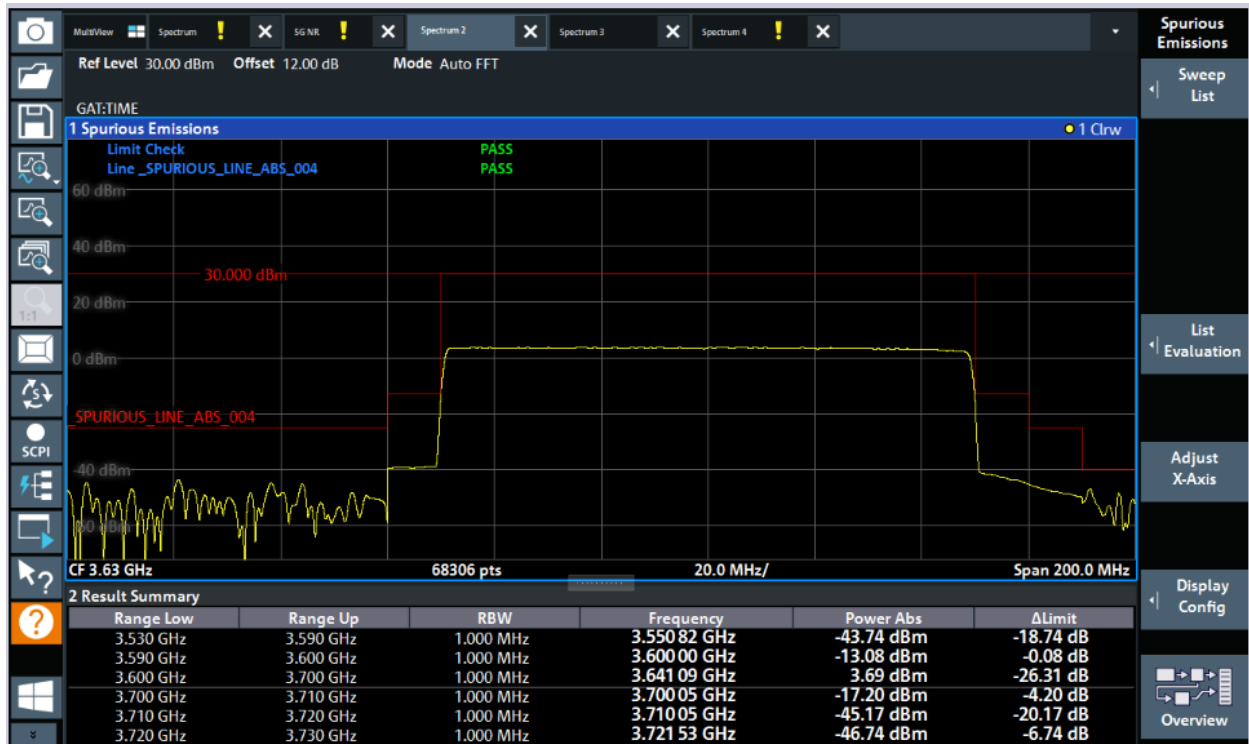
Report No.: AAEMT/RF/241224-01-01

100MHz @3625.005MHz

ANT1



Report No.: AAEMT/RF/241224-01-01
100MHz @3649.755MHz
ANT1



Note:-All the configuration tested but worst case is reported.

1.16 Radiated Spurious Emission

1.16.1 Limits of Radiated Emission Measurement

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

$E \text{ (dB}\mu\text{V/m)} = \text{eirp (dbm)} - 20 \log d + 104.8$; where d is the measurement distance in meters.

The emission limit equal to 55.25dB $\mu\text{V/m}$.

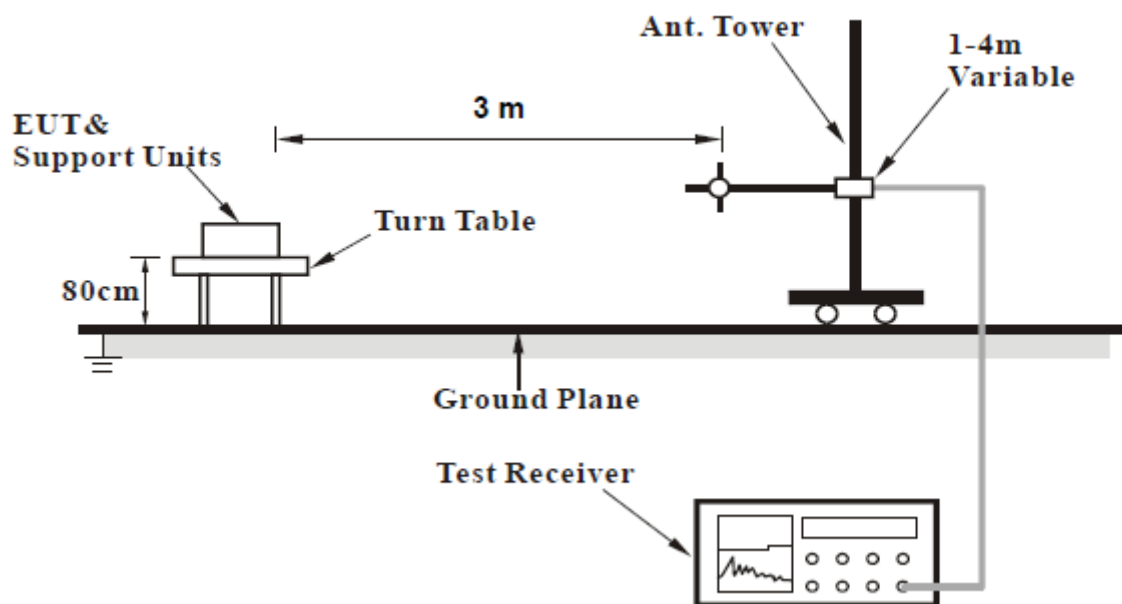
1.16.2 Test Procedure

1. Substitution method is used for e.i.r.p measurement. In the semi-anechoic chamber, eut placed on the 0.8 m (below or equal 1 ghz) and/or 1.5 m (above 1 ghz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The “read value” is the spectrum reading the maximum power value.
2. The substitution horn antenna is substituted for eut at the same position and signals generator export the cw signal to the substitution antenna via a tx cable. Rotated the turn table and moved receiving antenna to find the maximum radiation power. Adjust output power level of s.g to get a value of spectrum reading equal to “read value” of step a. Record the power level of s.g.
3. $\text{Eirp} = \text{output power level of s.g} - \text{tx cable loss} + \text{antenna gain}$
4. E.r.p power can be calculated form e.i.r.p power by subtracting the gain of dipole, $\text{e.r.p power} = \text{e.i.r.p power} - 2.15 \text{ db}$

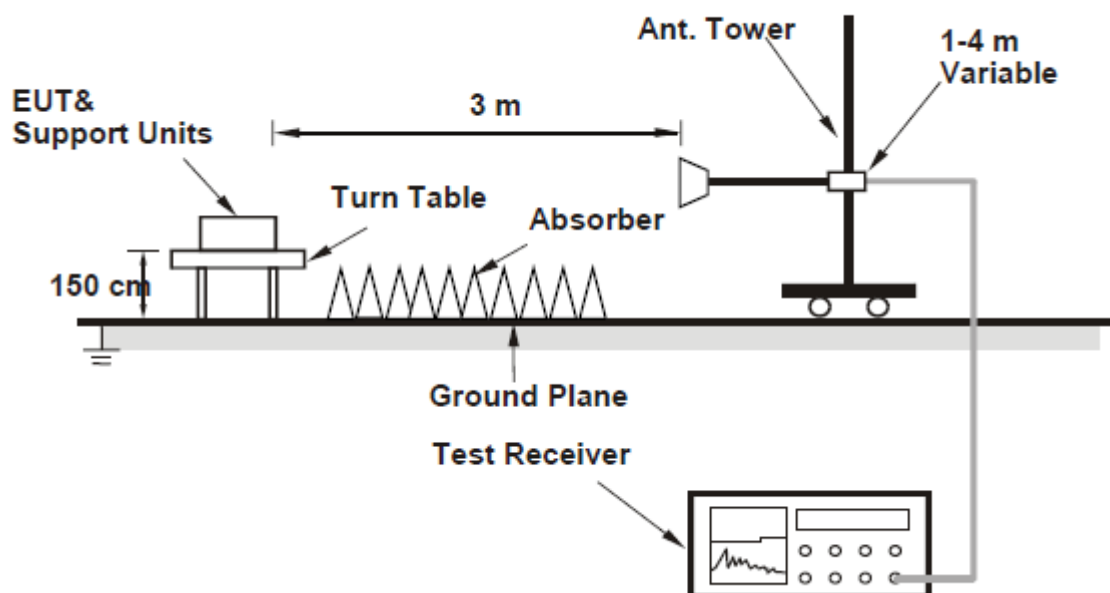
Note: the resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 mhz/3 mhz.

1.16.3 Test Setup

<Radiated Emission below or equal 1 GHz>



<Radiated Emission above 1 GHz>



Report No.: AAEMT/RF/241224-01-01

1.16.4 Test Results

Channel Bandwidth: 100MHz

3600.255MHz

Vertical

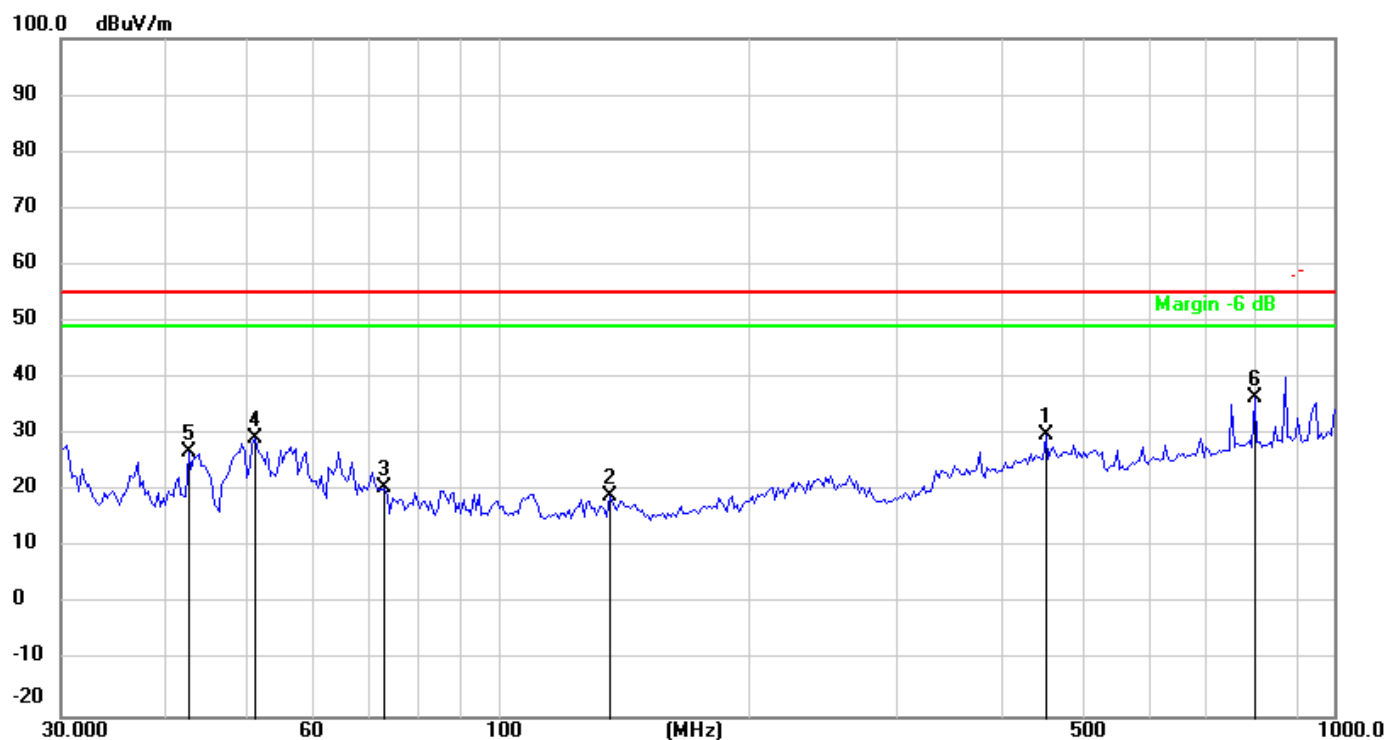
100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	754.9627	-1.59	35.19	33.60	55.25	-21.65	peak
2	550.2902	-4.79	38.32	33.53	55.25	-21.72	peak
3	225.4267	-12.22	34.23	22.01	55.25	-33.24	peak
4	197.2512	-13.57	37.33	23.76	55.25	-31.49	peak
5	42.9305	-17.57	50.14	32.57	55.25	-22.68	peak
6	53.0056	-14.89	42.45	27.56	55.25	-27.69	peak

Report No.: AAEMT/RF/241224-01-01

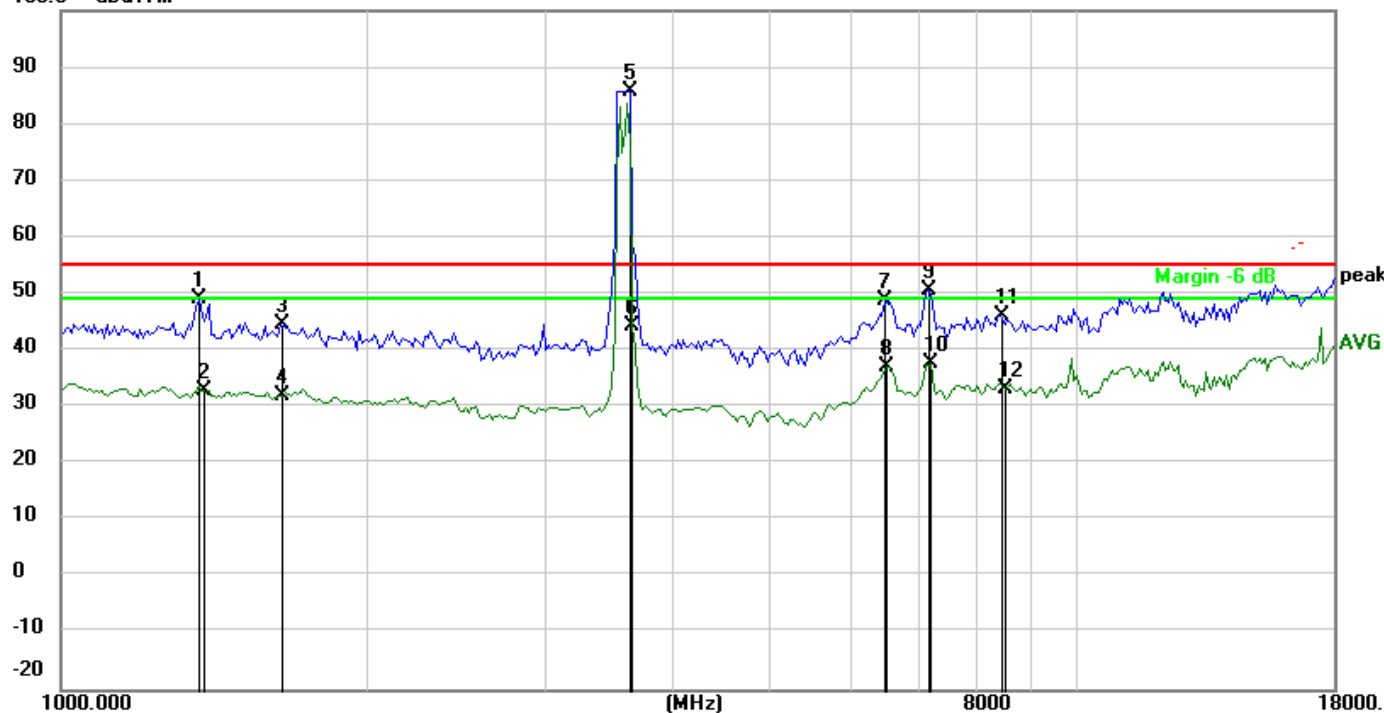
Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	452.0011	-3.85	33.89	30.04	55.25	-25.21	peak
2	135.9162	-14.45	33.66	19.21	55.25	-36.04	peak
3	73.2330	-15.50	36.15	20.65	55.25	-34.60	peak
4	51.1754	-12.86	42.20	29.34	55.25	-25.91	peak
5	42.6298	-15.69	42.54	26.85	55.25	-28.40	peak
6	804.2522	1.03	35.40	36.43	55.25	-18.82	peak

Vertical

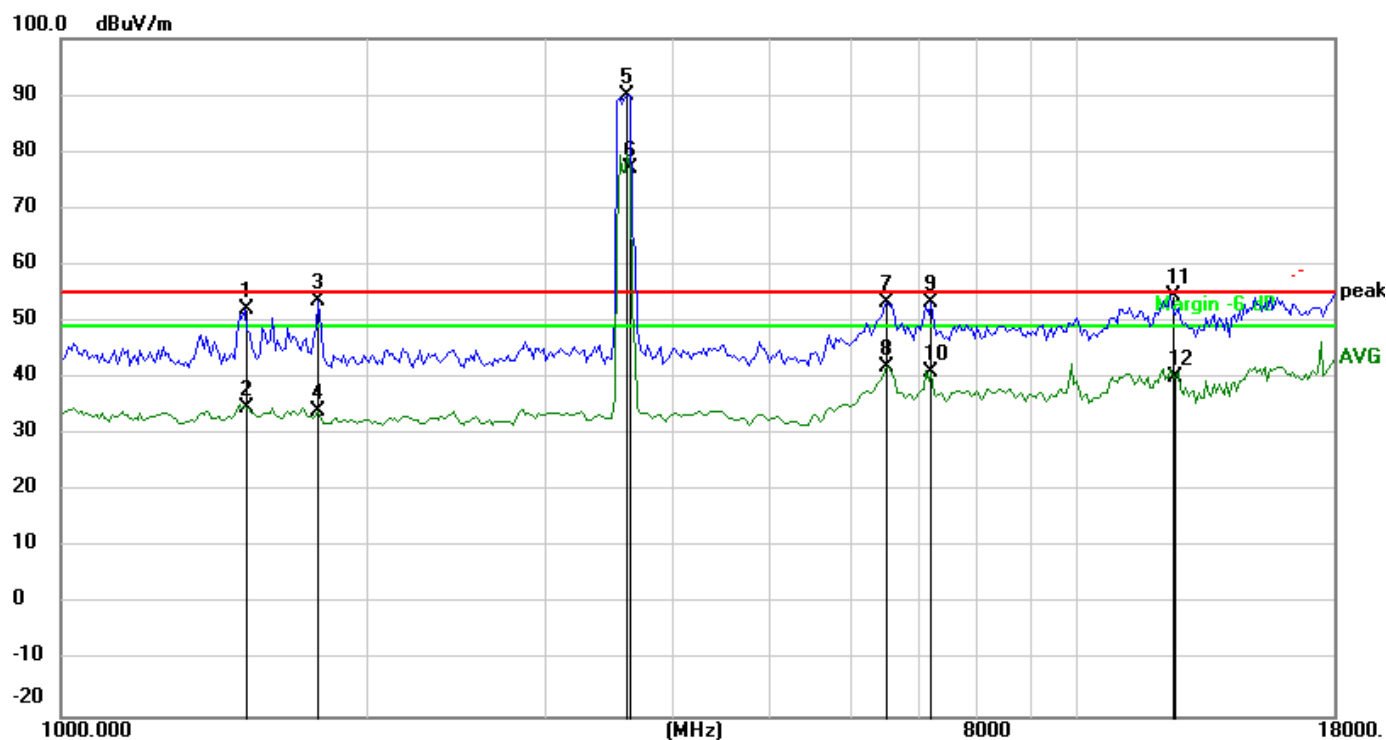
100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1367.228	-4.29	53.36	49.07	55.25	-6.18	peak
2	1383.159	-4.30	37.22	32.92	55.25	-22.33	AVG
3	1645.658	-3.80	48.42	44.62	55.25	-10.63	peak
4	1655.217	-3.79	35.78	31.99	55.25	-23.26	AVG
5	3638.928	-0.92	86.76	85.84	55.25	30.59	peak
6	3660.067	-0.88	45.09	44.21	55.25	-11.04	AVG
7	6494.281	8.59	40.19	48.78	55.25	-6.47	peak
8	6532.007	-5.03	42.25	37.22	55.25	-18.03	AVG
9	7166.315	3.55	47.16	50.71	55.25	-4.54	peak
10	7207.945	3.58	34.29	37.87	55.25	-17.38	AVG
11	8428.146	3.90	42.23	46.13	55.25	-9.12	peak
12	8526.350	3.82	29.53	33.35	55.25	-21.90	AVG

Note:- Marker 5 is desired intentional frequency, Hence considered as PASS.

Horizontal

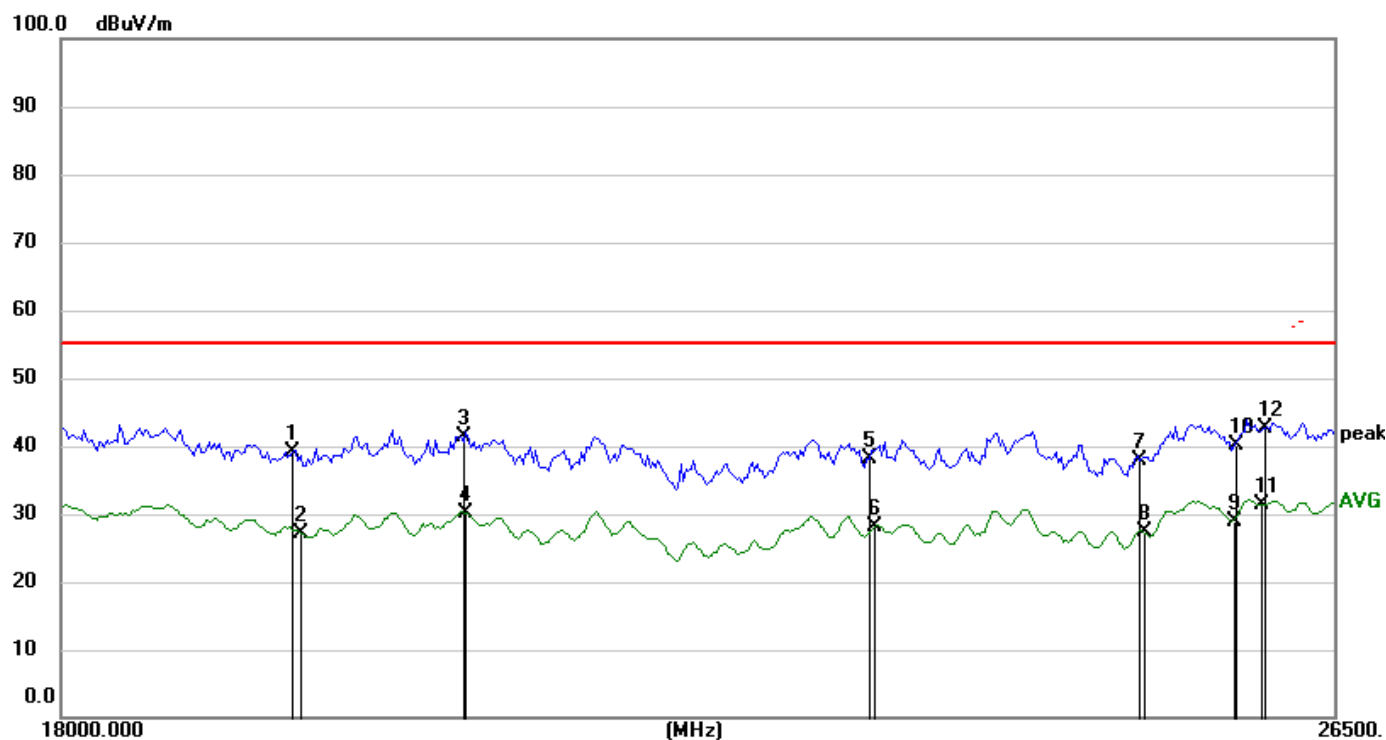


No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1517.475	22.13	29.92	52.05	55.25	-3.20	peak
2	1526.290	22.14	12.60	34.74	55.25	-20.51	AVG
3	1795.036	22.49	31.02	53.51	55.25	-1.74	peak
4	1795.036	22.49	11.71	34.20	55.25	-21.05	AVG
5	3600.000	29.12	60.69	89.81	55.25	34.56	peak
6	3638.928	29.24	47.83	77.07	55.25	21.82	AVG
7	6532.007	29.99	23.30	53.29	55.25	-1.96	peak
8	6532.007	29.99	11.84	41.83	55.25	-13.42	AVG
9	7207.945	39.75	13.60	53.35	55.25	-1.90	peak
10	7207.945	39.75	1.25	41.00	55.25	-14.25	AVG
11	12424.406	47.61	6.91	54.52	55.25	-0.73	peak
12	12496.581	47.70	-7.55	40.15	55.25	-15.10	AVG

Note:- Marker 5 is desired intentional frequency, Hence considered as PASS.

Report No.: AAEMT/RF/241224-01-01

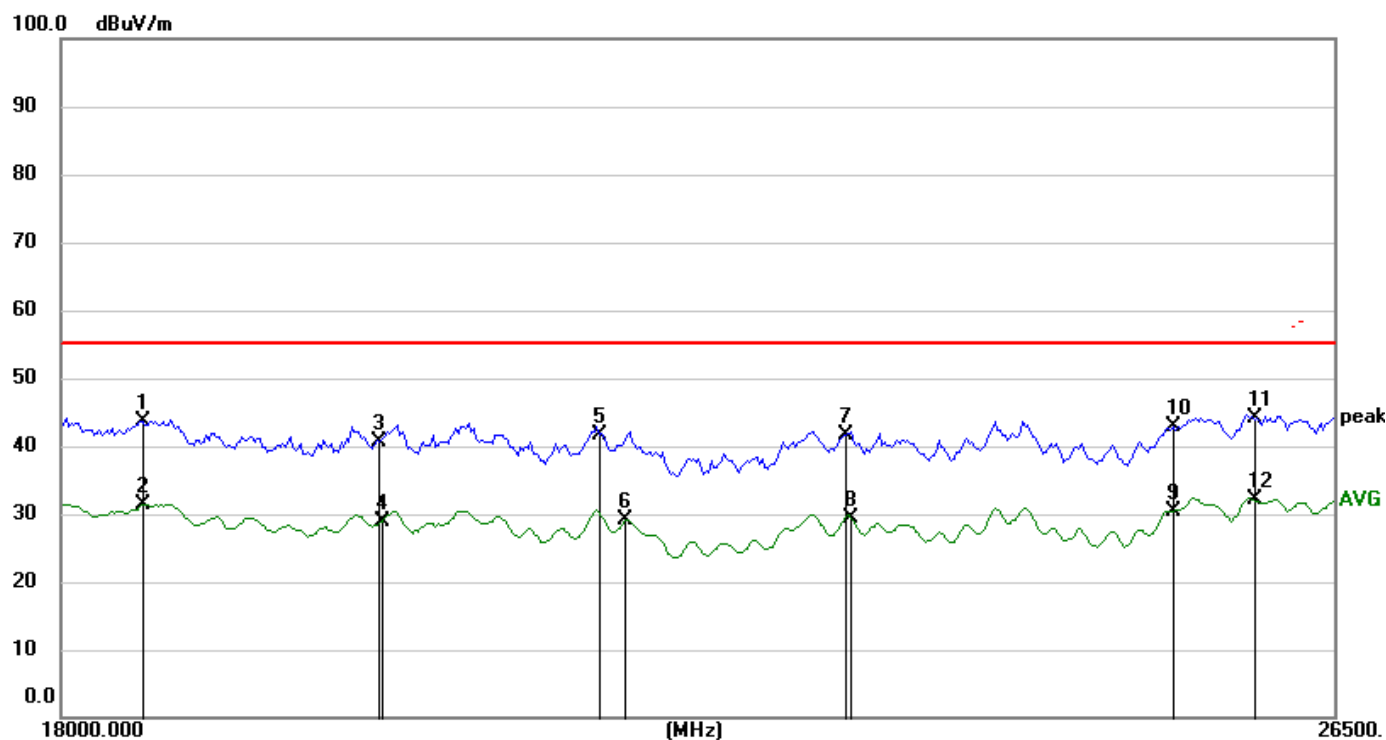
Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	19315.454	0.02	38.99	39.01	55.25	-16.24	peak
2	19360.420	0.04	27.10	27.14	55.25	-28.11	AVG
3	20329.273	0.35	40.92	41.27	55.25	-13.98	peak
4	20360.811	0.36	29.85	30.21	55.25	-25.04	AVG
5	22995.583	1.54	36.58	38.12	55.25	-17.13	peak
6	23049.116	1.55	26.48	28.03	55.25	-27.22	AVG
7	24984.045	2.09	35.86	37.95	55.25	-17.30	peak
8	25003.418	2.09	25.31	27.40	55.25	-27.85	AVG
9	25691.004	2.21	26.70	28.91	55.25	-26.34	AVG
10	25710.925	2.23	38.01	40.24	55.25	-15.01	peak
11	25931.074	2.27	29.08	31.35	55.25	-23.90	AVG
12	25951.181	2.27	40.37	42.64	55.25	-12.61	peak

Report No.: AAEMT/RF/241224-01-01

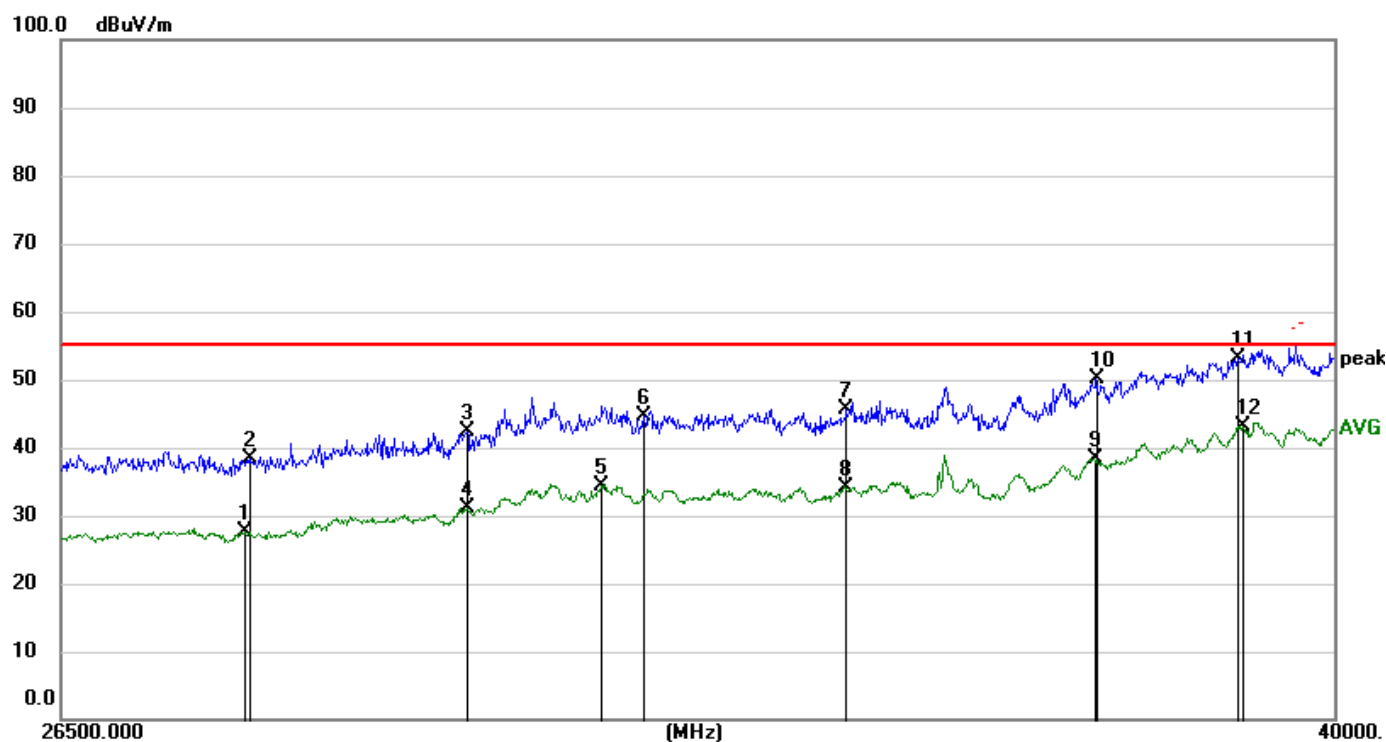
Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18437.742	-0.27	43.81	43.54	55.25	-11.71	peak
2	18452.038	-0.27	31.59	31.32	55.25	-23.93	AVG
3	19831.246	0.18	40.37	40.55	55.25	-14.70	peak
4	19846.623	0.19	28.76	28.95	55.25	-26.30	AVG
5	21198.216	0.62	41.05	41.67	55.25	-13.58	peak
6	21363.161	0.68	28.43	29.11	55.25	-26.14	AVG
7	22835.727	1.44	40.28	41.72	55.25	-13.53	peak
8	22888.888	1.47	27.88	29.35	55.25	-25.90	AVG
9	25217.510	2.12	28.24	30.36	55.25	-24.89	AVG
10	25237.063	2.13	40.67	42.80	55.25	-12.45	peak
11	25850.803	2.25	42.00	44.25	55.25	-11.00	peak
12	25850.803	2.25	29.85	32.10	55.25	-23.15	AVG

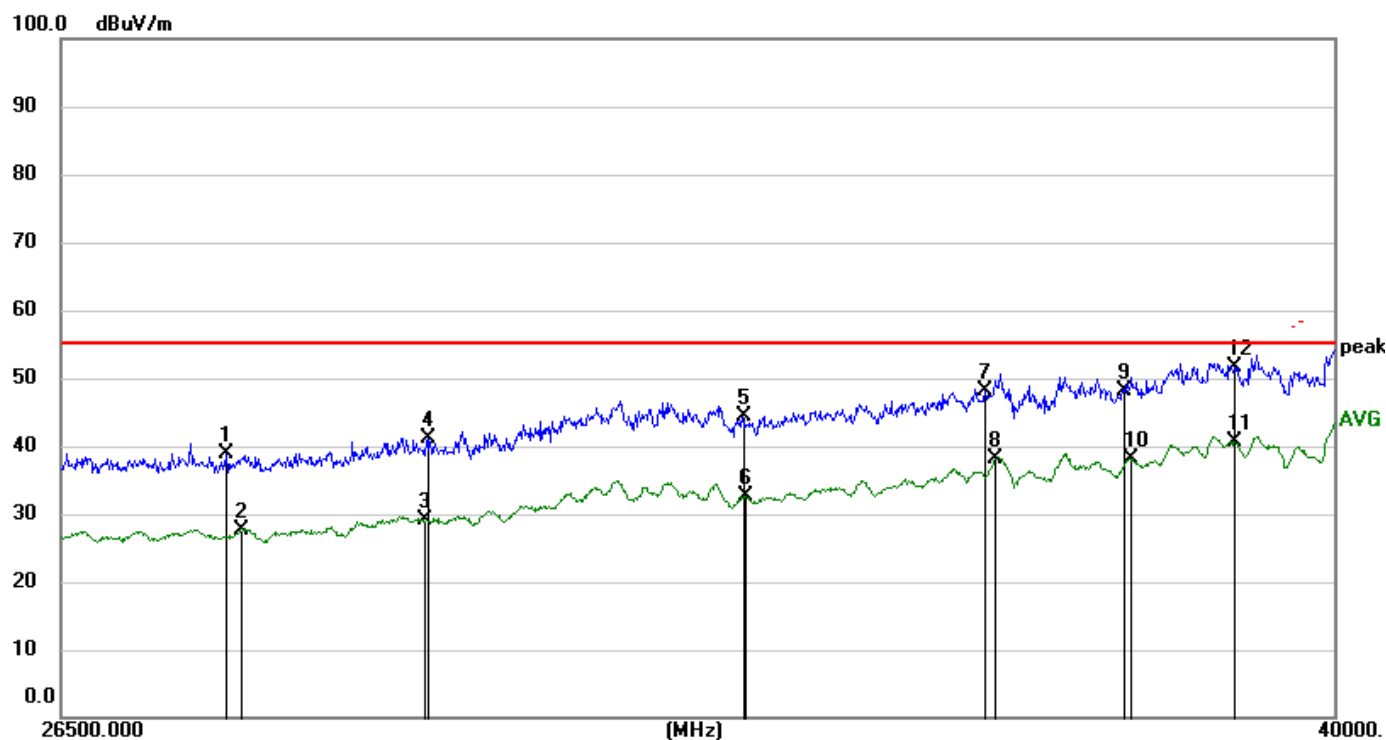
Report No.: AAEMT/RF/241224-01-01

Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	28118.691	0.76	26.95	27.71	55.25	-27.54	AVG
2	28165.039	0.77	37.52	38.29	55.25	-16.96	peak
3	30219.521	1.31	41.03	42.34	55.25	-12.91	peak
4	30219.521	1.31	29.72	31.03	55.25	-24.22	AVG
5	31554.627	1.56	32.73	34.29	55.25	-20.96	AVG
6	31999.466	1.64	43.03	44.67	55.25	-10.58	peak
7	34164.430	1.99	43.67	45.66	55.25	-9.59	peak
8	34164.430	1.99	32.06	34.05	55.25	-21.20	AVG
9	37005.317	2.47	35.93	38.40	55.25	-16.85	AVG
10	37035.802	2.47	47.77	50.24	55.25	-5.01	peak
11	38767.707	2.76	50.44	53.20	55.25	-2.05	peak
12	38831.608	2.77	40.38	43.15	55.25	-12.10	AVG

Horizontal



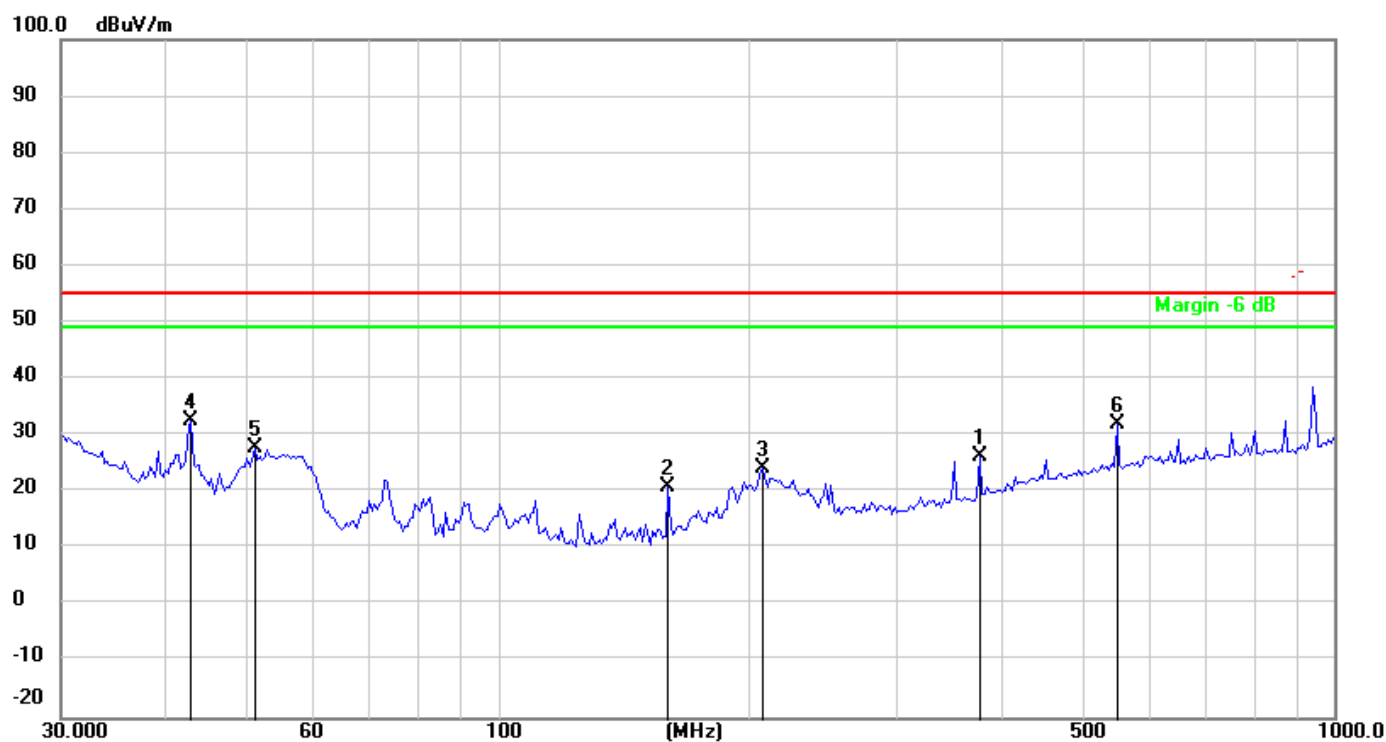
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27957.073	0.72	38.15	38.87	55.25	-16.38	peak
2	28083.981	0.75	26.80	27.55	55.25	-27.70	AVG
3	29799.426	1.22	28.02	29.24	55.25	-26.01	AVG
4	29836.257	1.23	39.87	41.10	55.25	-14.15	peak
5	33030.217	1.82	42.57	44.39	55.25	-10.86	peak
6	33071.041	1.82	30.75	32.57	55.25	-22.68	AVG
7	35732.625	2.25	45.94	48.19	55.25	-7.06	peak
8	35850.518	2.27	35.79	38.06	55.25	-17.19	AVG
9	37357.418	2.53	45.48	48.01	55.25	-7.24	peak
10	37434.404	2.54	35.52	38.06	55.25	-17.19	AVG
11	38719.851	2.75	37.82	40.57	55.25	-14.68	AVG
12	38735.796	2.76	48.93	51.69	55.25	-3.56	peak

Report No.: AAEMT/RF/241224-01-01

Channel Bandwidth: 100MHz

3625.005MHz

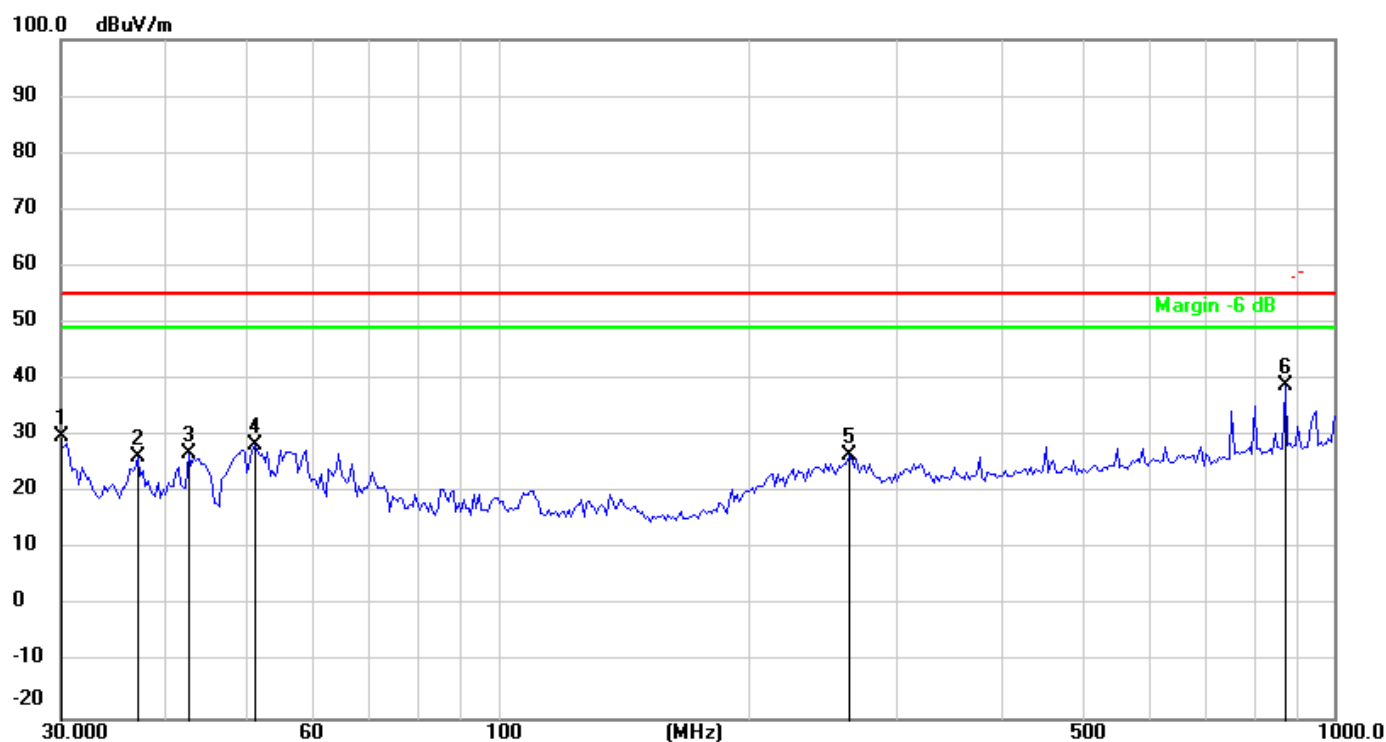
Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	376.5227	-7.70	33.92	26.22	55.25	-29.03	peak
2	159.7583	-15.80	36.69	20.89	55.25	-34.36	peak
3	207.1966	-13.06	37.21	24.15	55.25	-31.10	peak
4	42.9305	-17.57	50.14	32.57	55.25	-22.68	peak
5	51.1754	-14.86	42.59	27.73	55.25	-27.52	peak
6	550.2902	-4.79	36.82	32.03	55.25	-23.22	peak

Report No.: AAEMT/RF/241224-01-01

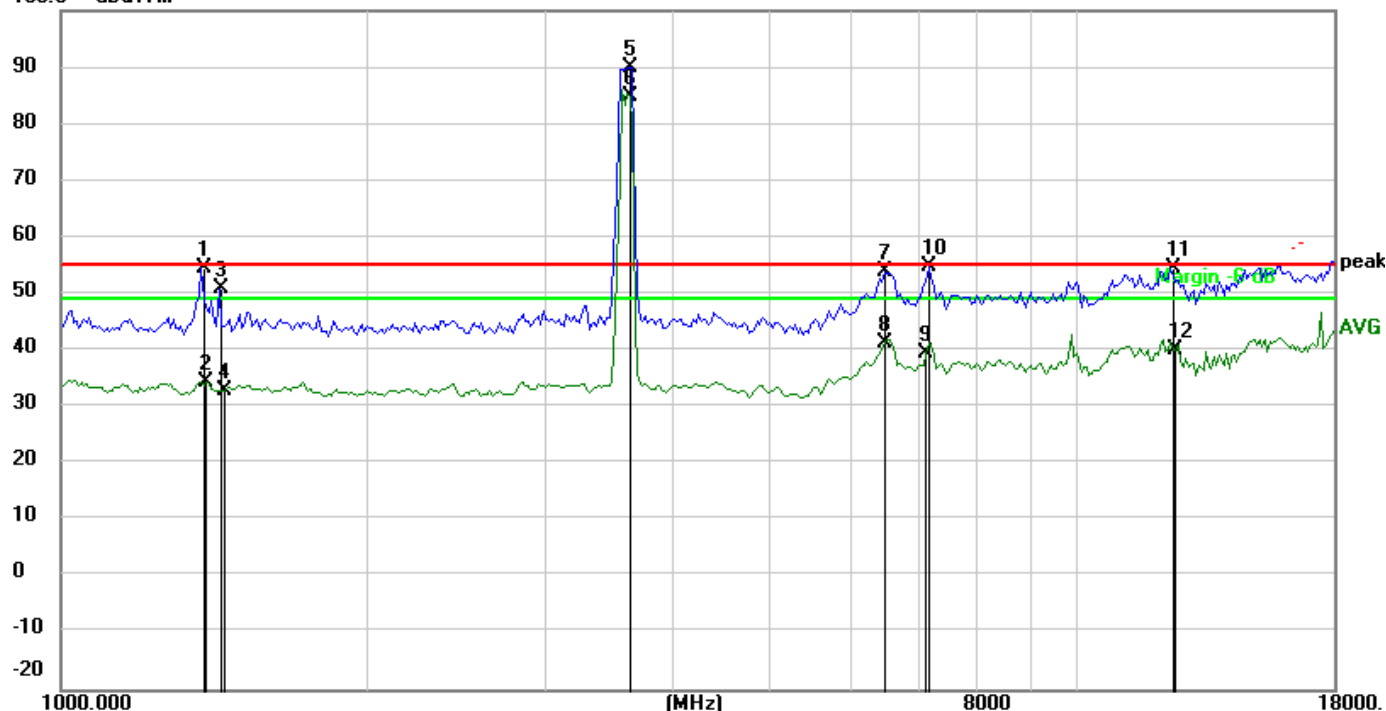
Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.0000	-11.92	41.89	29.97	55.25	-25.28	peak
2	37.0405	-17.48	43.69	26.21	55.25	-29.04	peak
3	42.6299	-15.69	42.54	26.85	55.25	-28.40	peak
4	51.1755	-12.86	41.20	28.34	55.25	-26.91	peak
5	263.1154	-8.73	35.46	26.73	55.25	-28.52	peak
6	875.0132	1.92	37.09	39.01	55.25	-16.24	peak

Vertical

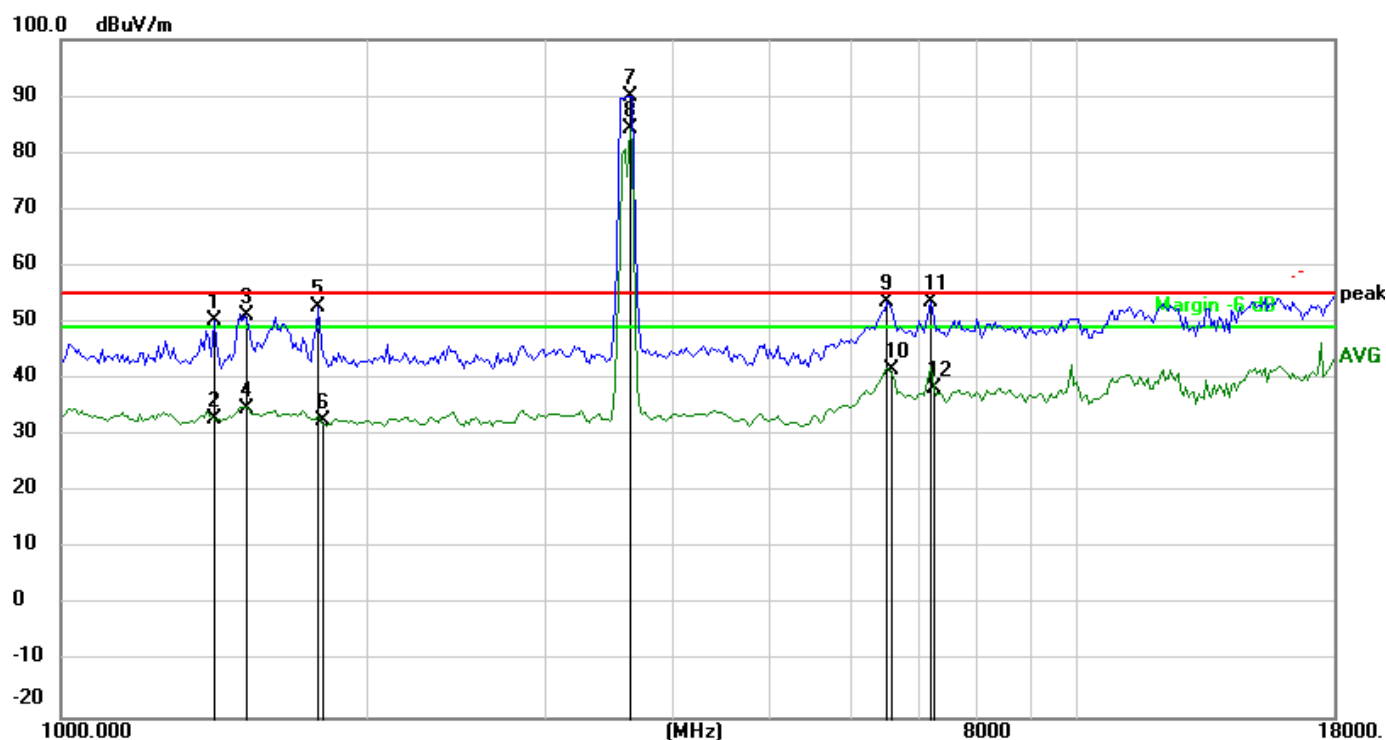
100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1375.171	-4.30	58.84	54.54	55.25	-0.71	peak
2	1391.194	-4.31	38.62	34.31	55.25	-20.94	AVG
3	1432.075	-4.17	55.17	51.00	55.25	-4.25	peak
4	1448.761	-4.11	37.10	32.99	55.25	-22.26	AVG
5	3625.000	-0.94	90.78	89.84	55.25	34.59	peak
6	3638.928	-0.92	85.92	85.00	55.25	29.75	AVG
7	6494.281	8.59	45.34	53.93	55.25	-1.32	peak
8	6494.281	8.59	32.89	41.48	55.25	-13.77	AVG
9	7124.925	3.52	36.03	39.55	55.25	-15.70	AVG
10	7166.315	3.55	51.22	54.77	55.25	-0.48	peak
11	12424.406	8.43	46.06	54.49	55.25	-0.76	peak
12	12569.175	8.44	31.59	40.03	55.25	-15.22	AVG

Note:- Marker 5 & 6 is desired intentional frequency, Hence considered as PASS.

Horizontal

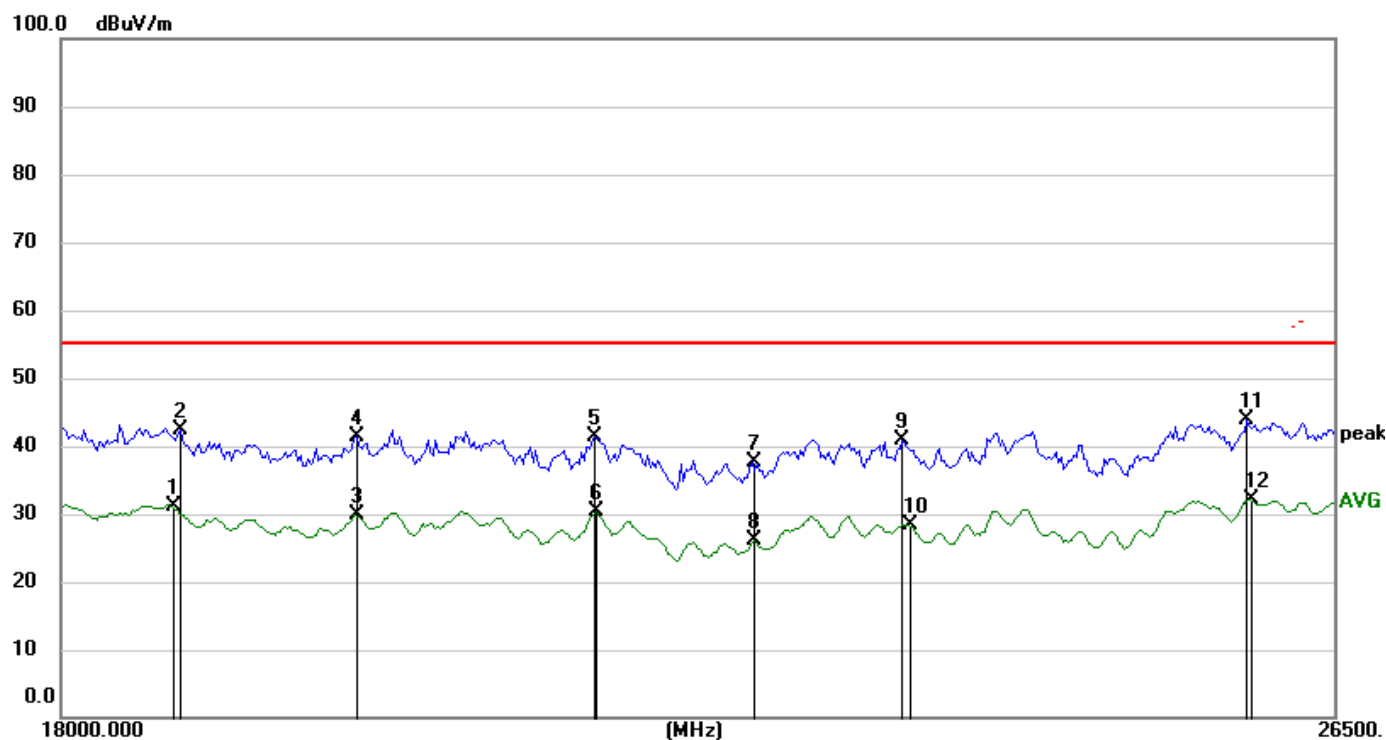


No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1415.580	21.71	28.72	50.43	55.25	-4.82	peak
2	1415.580	21.71	11.26	32.97	55.25	-22.28	AVG
3	1517.475	22.13	29.10	51.23	55.25	-4.02	peak
4	1526.290	22.14	12.76	34.90	55.25	-20.35	AVG
5	1795.036	22.49	30.19	52.68	55.25	-2.57	peak
6	1805.464	22.50	10.19	32.69	55.25	-22.56	AVG
7	3625.000	29.20	60.64	89.84	55.25	34.59	peak
8	3638.928	29.24	55.11	84.35	55.25	29.10	AVG
9	6532.007	29.99	23.64	53.63	55.25	-1.62	peak
10	6569.953	31.25	10.46	41.71	55.25	-13.54	AVG
11	7207.945	39.75	13.86	53.61	55.25	-1.64	peak
12	7249.817	39.80	-1.42	38.38	55.25	-16.87	AVG

Note:- Marker 7 & 8 is desired intentional frequency, Hence considered as PASS.

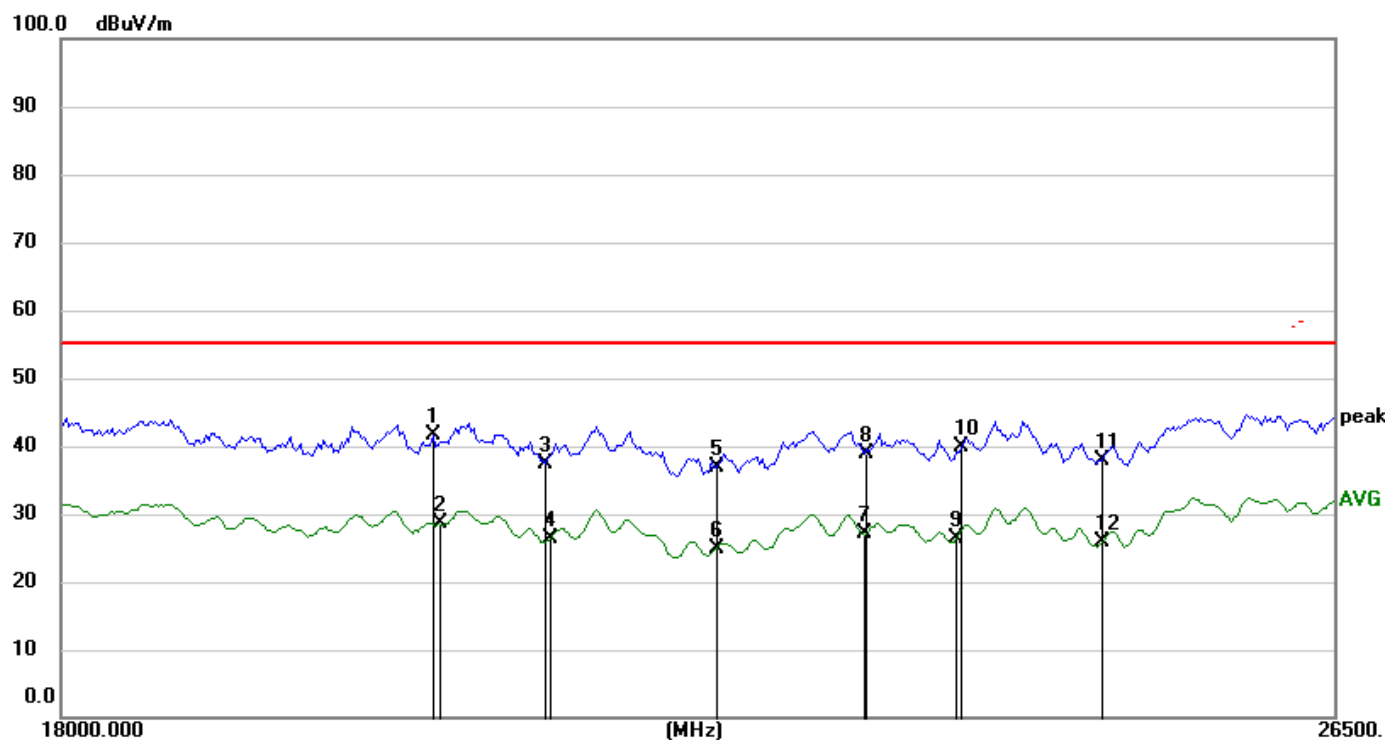
Report No.: AAEMT/RF/241224-01-01

Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18610.034	-0.21	31.34	31.13	55.25	-24.12	AVG
2	18667.821	-0.20	42.61	42.41	55.25	-12.84	peak
3	19678.129	0.14	29.70	29.84	55.25	-25.41	AVG
4	19693.387	0.14	41.17	41.31	55.25	-13.94	peak
5	21165.380	0.61	40.85	41.46	55.25	-13.79	peak
6	21181.792	0.62	29.71	30.33	55.25	-24.92	AVG
7	22207.339	1.03	36.58	37.61	55.25	-17.64	peak
8	22224.558	1.04	25.07	26.11	55.25	-29.14	AVG
9	23246.474	1.59	39.19	40.78	55.25	-14.47	peak
10	23282.539	1.60	26.69	28.29	55.25	-26.96	AVG
11	25810.760	2.24	41.56	43.80	55.25	-11.45	peak
12	25830.774	2.24	30.00	32.24	55.25	-23.01	AVG

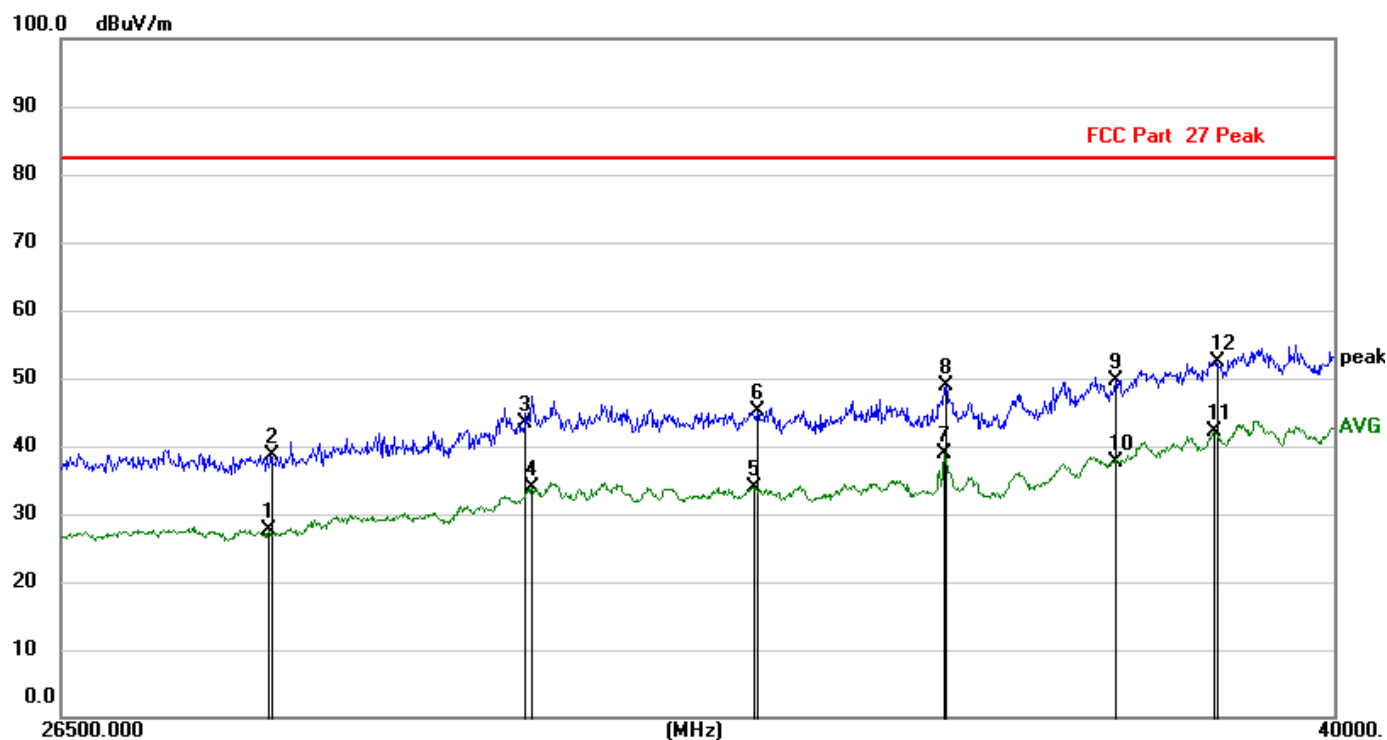
Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	20156.681	0.29	41.24	41.53	55.25	-13.72	peak
2	20187.952	0.30	28.24	28.54	55.25	-26.71	AVG
3	20855.965	0.52	36.91	37.43	55.25	-17.82	peak
4	20888.321	0.52	25.81	26.33	55.25	-28.92	AVG
5	21967.662	0.89	36.01	36.90	55.25	-18.35	peak
6	21967.662	0.89	23.97	24.86	55.25	-30.39	AVG
7	22959.963	1.51	25.57	27.08	55.25	-28.17	AVG
8	22977.766	1.53	37.29	38.82	55.25	-16.43	peak
9	23627.954	1.66	24.80	26.46	55.25	-28.79	AVG
10	23664.610	1.67	38.29	39.96	55.25	-15.29	peak
11	24695.251	1.98	35.87	37.85	55.25	-17.40	peak
12	24695.251	1.98	23.98	25.96	55.25	-29.29	AVG

Report No.: AAEMT/RF/241224-01-01

Vertical

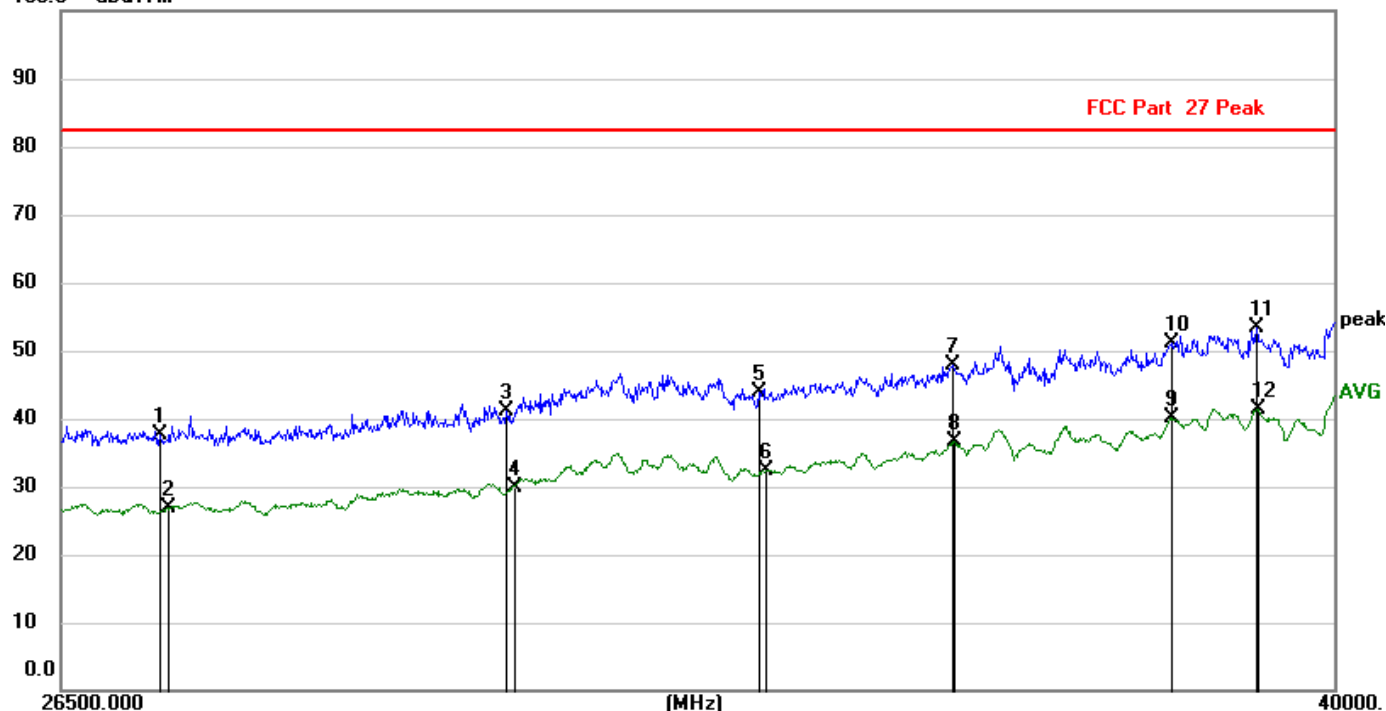


No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	28339.525	0.82	26.72	27.54	82.30	-54.76	AVG
2	28362.872	0.82	37.78	38.60	82.30	-43.70	peak
3	30784.649	1.43	42.07	43.50	82.30	-38.80	peak
4	30860.794	1.44	32.35	33.79	82.30	-48.51	AVG
5	33166.494	1.84	32.11	33.95	82.30	-48.35	AVG
6	33193.817	1.84	43.29	45.13	82.30	-37.17	peak
7	35264.917	2.15	36.78	38.93	82.30	-43.37	AVG
8	35279.440	2.16	46.81	48.97	82.30	-33.33	peak
9	37265.243	2.52	47.15	49.67	82.30	-32.63	peak
10	37265.243	2.52	35.23	37.75	82.30	-44.55	AVG
11	38481.453	2.72	39.41	42.13	82.30	-40.17	AVG
12	38497.301	2.72	49.59	52.31	82.30	-29.99	peak

Report No.: AAEMT/RF/241224-01-01

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27364.869	0.55	37.15	37.70	82.30	-44.60	peak
2	27443.852	0.57	26.38	26.95	82.30	-55.35	AVG
3	30607.708	1.39	39.62	41.01	82.30	-41.29	peak
4	30670.785	1.40	28.60	30.00	82.30	-52.30	AVG
5	33207.487	1.84	42.09	43.93	82.30	-38.37	peak
6	33289.624	1.86	30.47	32.33	82.30	-49.97	AVG
7	35366.702	2.18	45.58	47.76	82.30	-34.54	peak
8	35381.267	2.18	34.52	36.70	82.30	-45.60	AVG
9	37930.885	2.62	37.54	40.16	82.30	-42.14	AVG
10	37946.505	2.63	48.39	51.02	82.30	-31.28	peak
11	39007.878	2.79	50.51	53.30	82.30	-29.00	peak
12	39023.943	2.79	38.48	41.27	82.30	-41.03	AVG

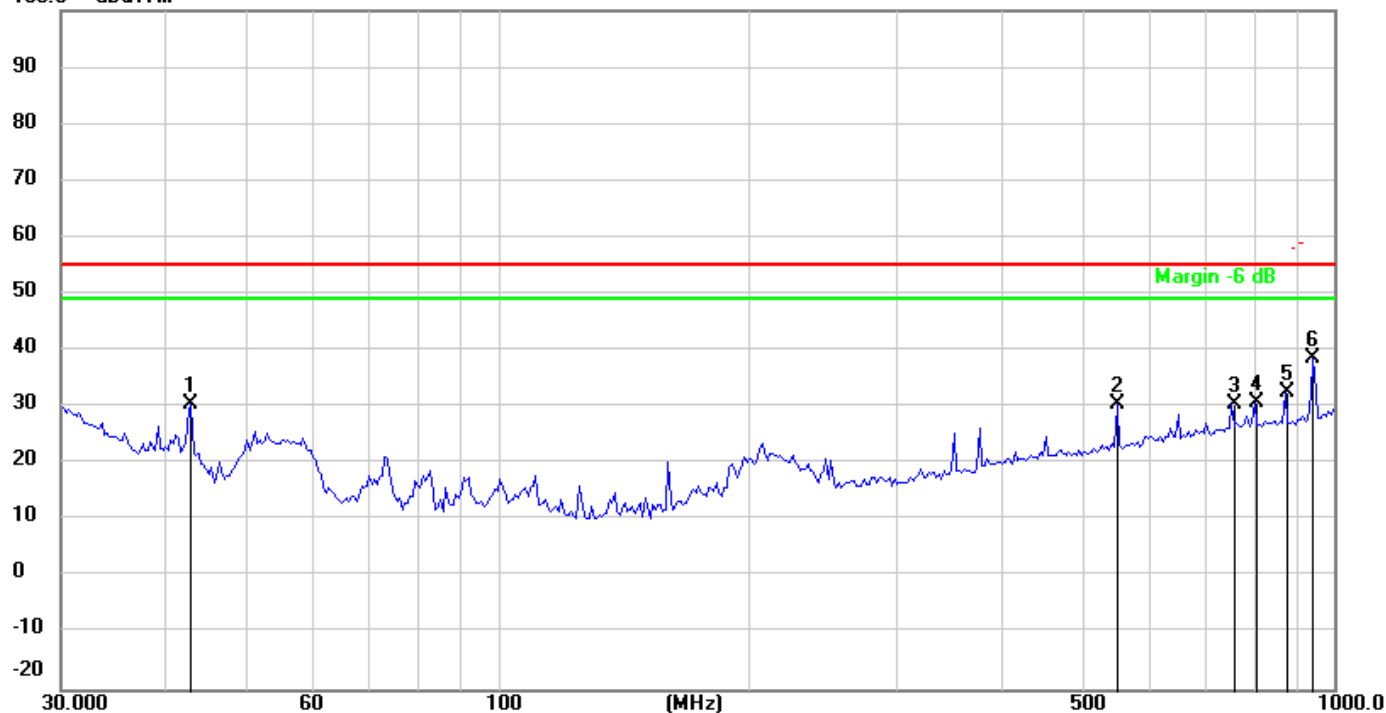
Report No.: AAEMT/RF/241224-01-01

Channel Bandwidth: 100MHz

3649.755MHz

Vertical

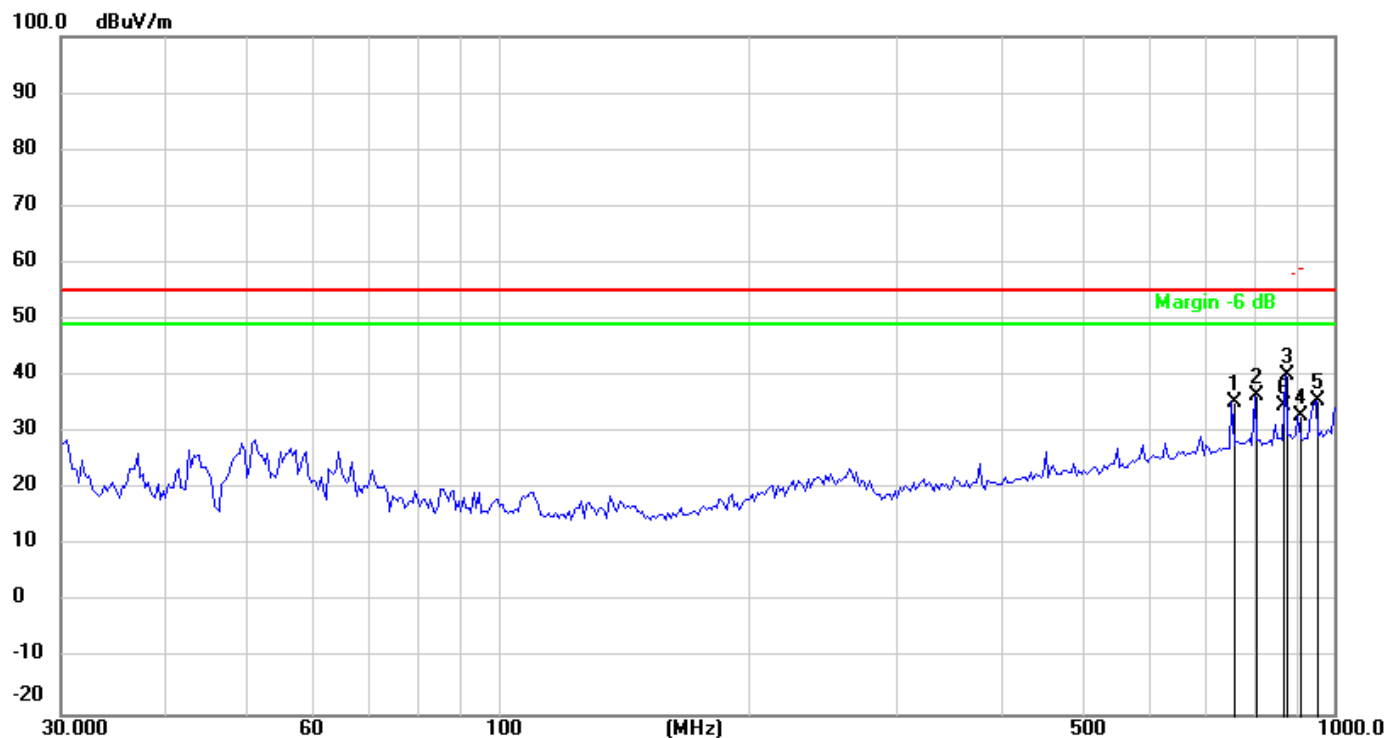
100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	42.9305	-17.57	48.14	30.57	55.25	-24.68	peak
2	550.2902	-4.79	35.32	30.53	55.25	-24.72	peak
3	754.9628	-1.59	32.19	30.60	55.25	-24.65	peak
4	804.2523	-0.97	31.90	30.93	55.25	-24.32	peak
5	875.0133	-0.08	32.59	32.51	55.25	-22.74	peak
6	945.3336	0.78	37.87	38.65	55.25	-16.60	peak

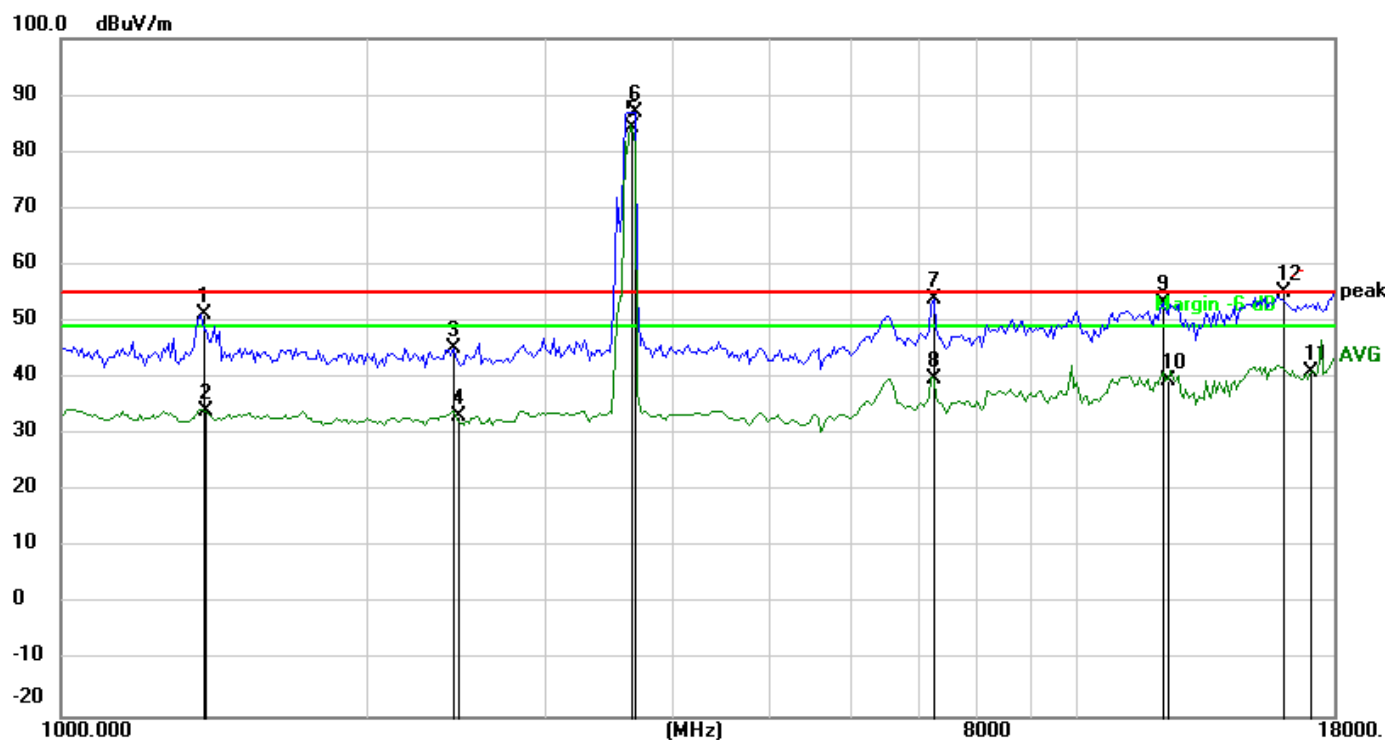
Report No.: AAEMT/RF/241224-01-01

Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	754.9628	0.41	34.98	35.39	55.25	-19.86	peak
2	804.2523	1.03	35.40	36.43	55.25	-18.82	peak
3	875.0133	1.92	38.09	40.01	55.25	-15.24	peak
4	906.3041	2.36	30.46	32.82	55.25	-22.43	peak
5	952.0001	2.85	32.72	35.57	55.25	-19.68	peak
6	1000.0000	3.32	31.57	34.89	55.25	-20.36	peak

Vertical



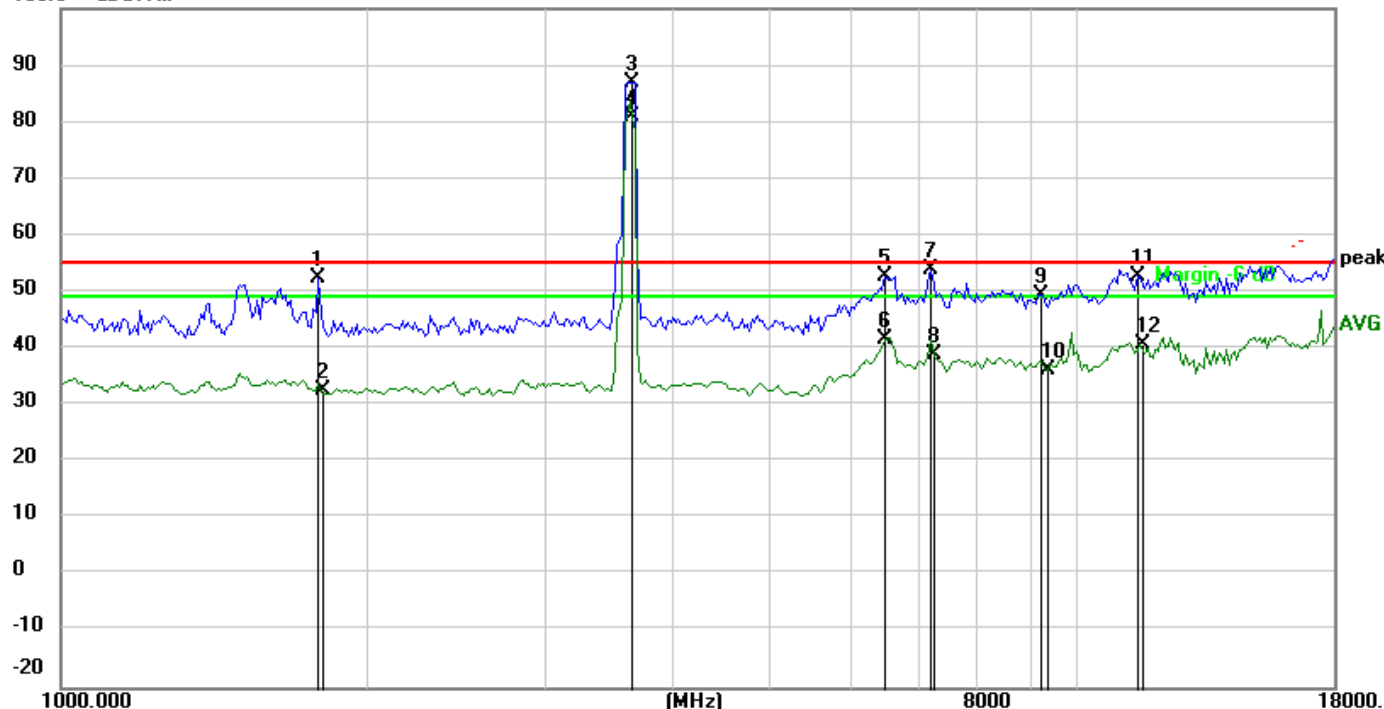
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1375.171	-4.30	55.63	51.33	55.25	-3.92	peak
2	1391.194	-4.31	38.32	34.01	55.25	-21.24	AVG
3	2440.050	-2.73	48.12	45.39	55.25	-9.86	peak
4	2454.225	-2.71	35.99	33.28	55.25	-21.97	AVG
5	3660.067	-0.88	85.09	84.21	55.25	28.96	AVG
6	3681.329	-0.85	87.76	86.91	55.25	31.66	peak
7	7249.817	3.60	50.28	53.88	55.25	-1.37	peak
8	7249.817	3.60	36.21	39.81	55.25	-15.44	AVG
9	12210.372	8.39	44.89	53.28	55.25	-1.97	peak
10	12281.304	8.41	31.19	39.60	55.25	-15.65	AVG
11	17085.682	9.53	31.54	41.07	55.25	-14.18	AVG
12	18000.000	12.99	42.19	55.18	55.25	-0.07	peak

Note:- Marker 3 is desired intentional frequency, Hence considered as PASS.

Report No.: AAEMT/RF/241224-01-01

Horizontal

100.0 dBuV/m



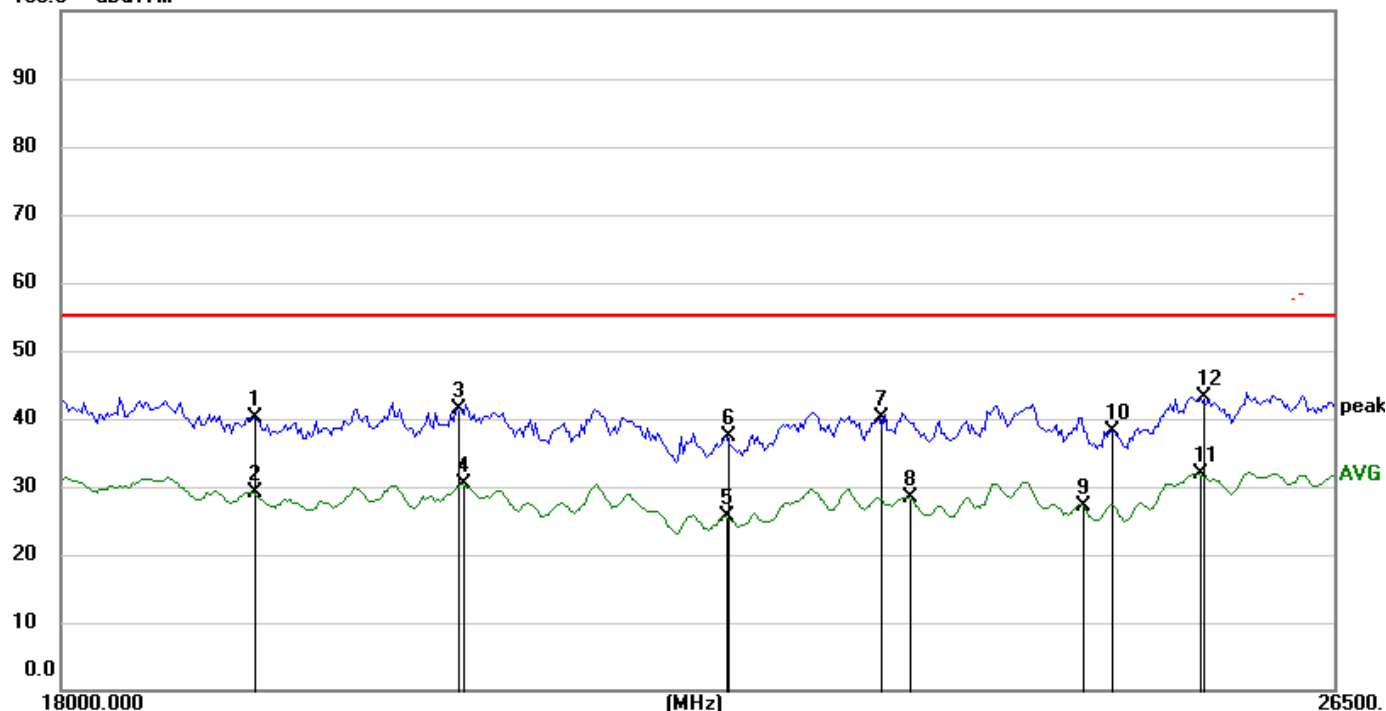
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1795.036	22.49	30.01	52.50	55.25	-2.75	peak
2	1805.464	22.50	10.21	32.71	55.25	-22.54	AVG
3	3649.000	29.27	57.61	86.88	55.25	31.63	peak
4	3660.067	29.31	51.52	80.83	55.25	25.58	AVG
5	6494.281	43.53	9.36	52.89	55.25	-2.36	peak
6	6494.281	43.53	-2.00	41.53	55.25	-13.72	AVG
7	7207.945	39.75	14.27	54.02	55.25	-1.23	peak
8	7249.817	39.80	-0.95	38.85	55.25	-16.40	AVG
9	9246.582	41.54	7.92	49.46	55.25	-5.79	peak
10	9354.324	41.44	-5.32	36.12	55.25	-19.13	AVG
11	11523.201	47.39	5.39	52.78	55.25	-2.47	peak
12	11590.141	47.35	-6.71	40.64	55.25	-14.61	AVG

Note:- Marker 3 & 4 is desired intentional frequency, Hence considered as PASS.

Report No.: AAEMT/RF/241224-01-01

Vertical

100.0 dBuV/m

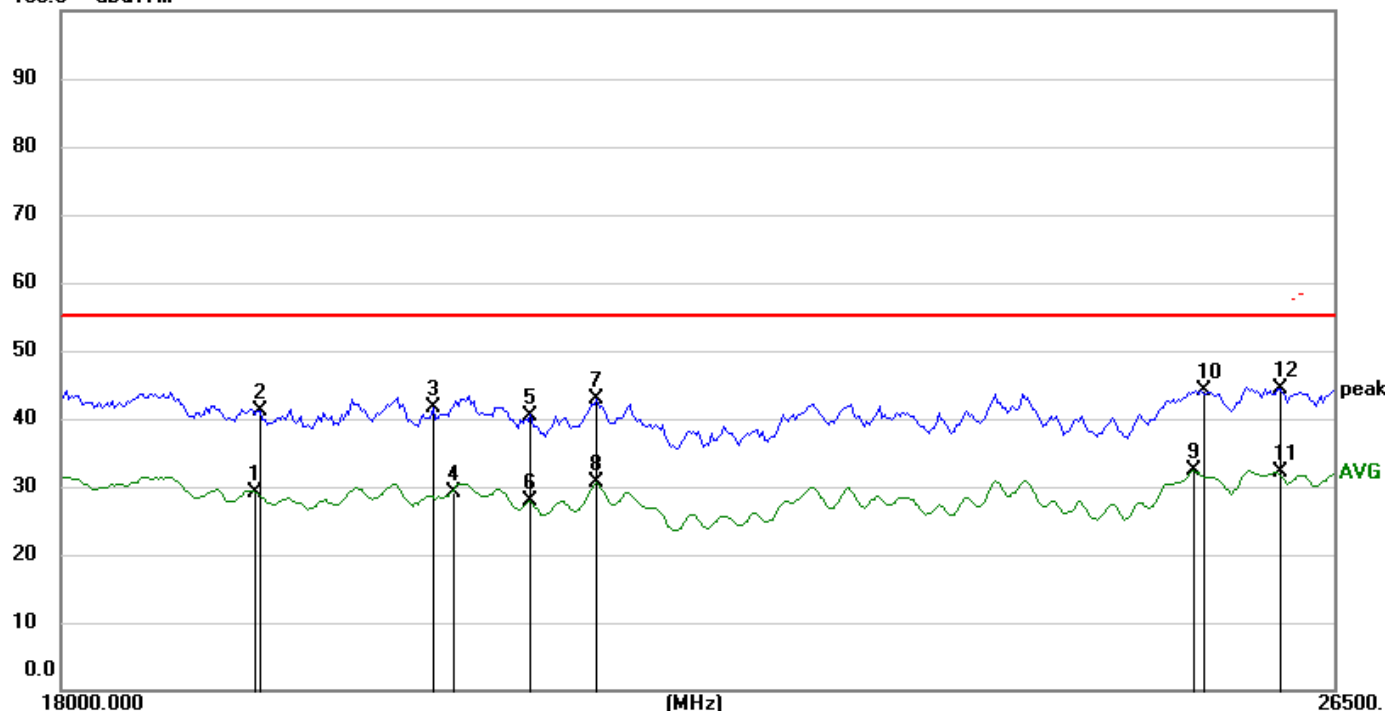


No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	19092.184	-0.06	40.24	40.18	55.25	-15.07	peak
2	19092.184	-0.06	29.24	29.18	55.25	-26.07	AVG
3	20297.783	0.34	41.04	41.38	55.25	-13.87	peak
4	20329.273	0.35	30.00	30.35	55.25	-24.90	AVG
5	22018.803	0.91	24.81	25.72	55.25	-29.53	AVG
6	22035.876	0.93	36.50	37.43	55.25	-17.82	peak
7	23084.875	1.55	38.68	40.23	55.25	-15.02	peak
8	23282.539	1.60	26.69	28.29	55.25	-26.96	AVG
9	24561.626	1.93	25.32	27.25	55.25	-28.00	AVG
10	24771.935	2.00	36.10	38.10	55.25	-17.15	peak
11	25433.435	2.17	29.70	31.87	55.25	-23.38	AVG
12	25453.156	2.17	40.96	43.13	55.25	-12.12	peak

Report No.: AAEMT/RF/241224-01-01

Horizontal

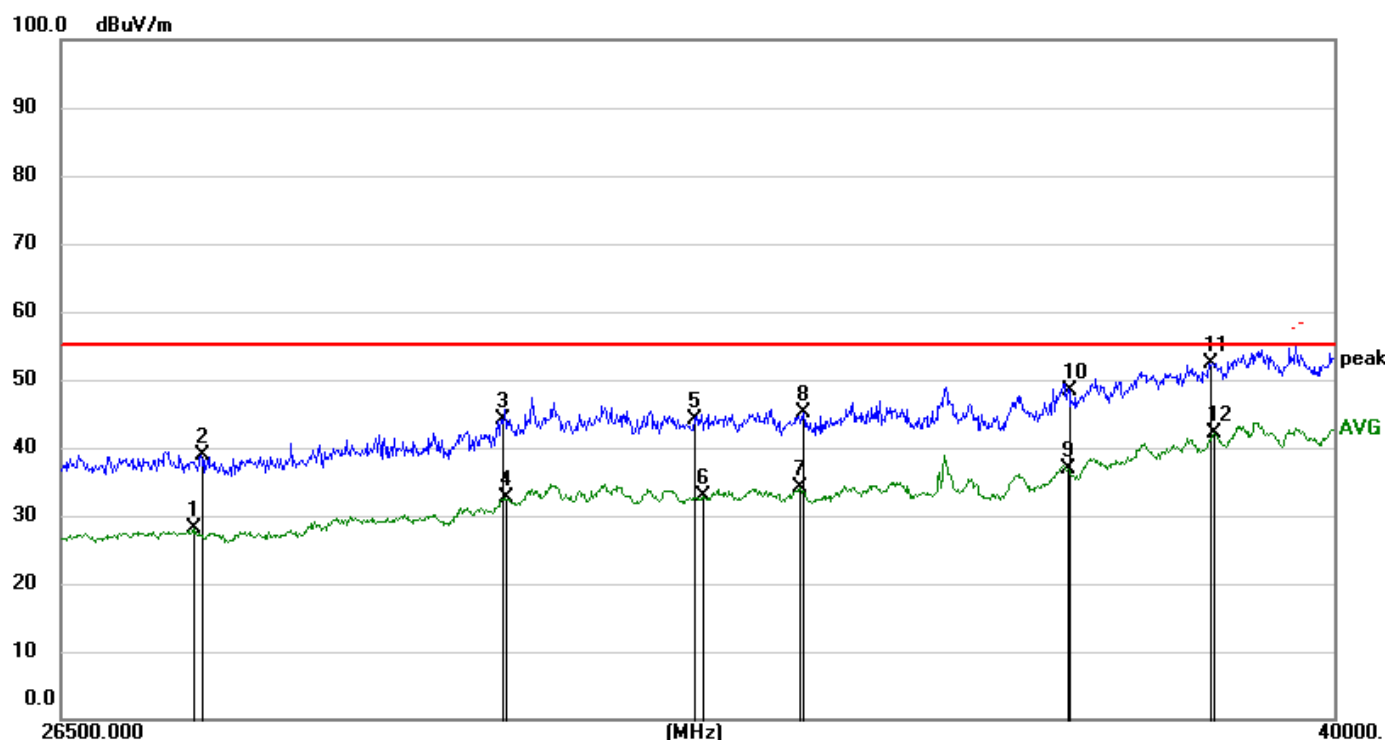
100.0 dBuV/m



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	19092.184	-0.06	29.24	29.18	55.25	-26.07	AVG
2	19121.804	-0.05	41.29	41.24	55.25	-14.01	peak
3	20156.681	0.29	41.24	41.53	55.25	-13.72	peak
4	20266.342	0.33	28.92	29.25	55.25	-26.00	AVG
5	20759.198	0.49	40.01	40.50	55.25	-14.75	peak
6	20759.198	0.49	27.31	27.80	55.25	-27.45	AVG
7	21181.792	0.62	42.26	42.88	55.25	-12.37	peak
8	21181.792	0.62	30.00	30.62	55.25	-24.63	AVG
9	25394.038	2.16	30.14	32.30	55.25	-22.95	AVG
10	25453.156	2.17	42.04	44.21	55.25	-11.04	peak
11	26051.950	2.30	29.84	32.14	55.25	-23.11	AVG
12	26072.150	2.30	42.18	44.48	55.25	-10.77	peak

Report No.: AAEMT/RF/241224-01-01

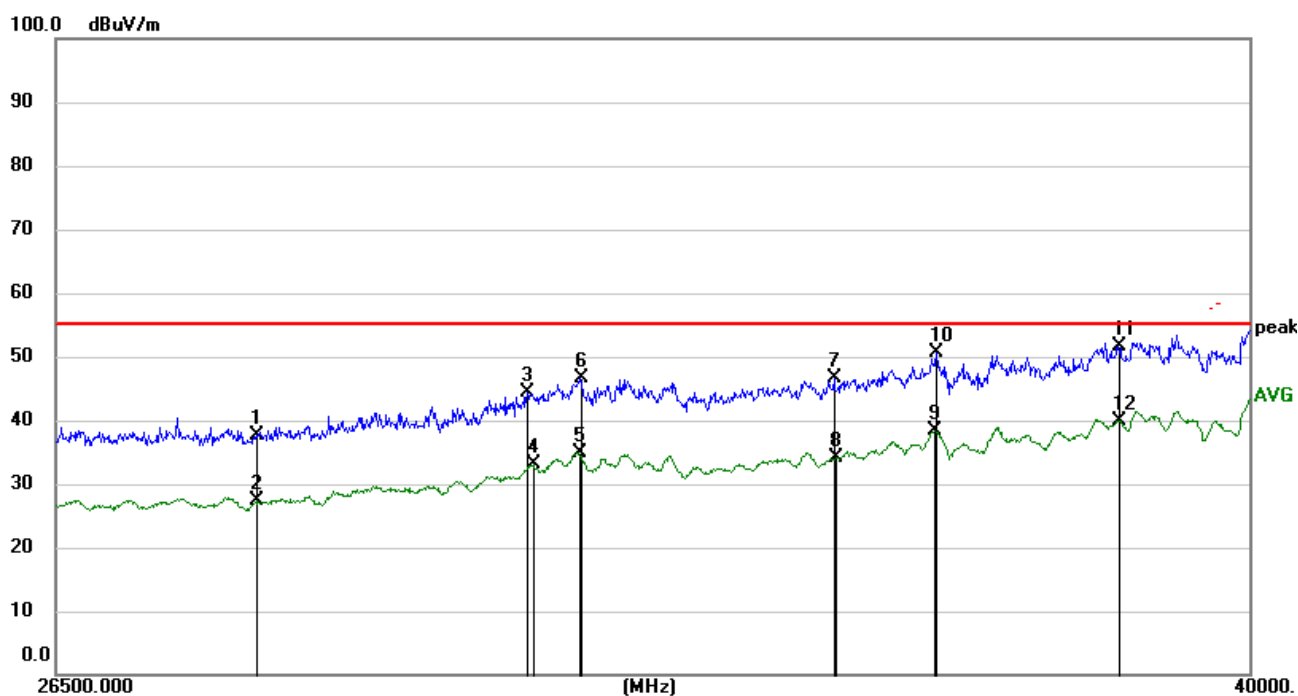
Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27659.386	0.63	27.44	28.07	55.25	-27.18	AVG
2	27727.801	0.65	38.17	38.82	55.25	-16.43	peak
3	30557.341	1.38	42.84	44.22	55.25	-11.03	peak
4	30595.109	1.39	31.17	32.56	55.25	-22.69	AVG
5	32530.842	1.73	42.31	44.04	55.25	-11.21	peak
6	32611.306	1.75	31.14	32.89	55.25	-22.36	AVG
7	33647.908	1.91	32.22	34.13	55.25	-21.12	AVG
8	33689.495	1.92	43.23	45.15	55.25	-10.10	peak
9	36701.840	2.42	34.37	36.79	55.25	-18.46	AVG
10	36716.955	2.42	45.97	48.39	55.25	-6.86	peak
11	38418.129	2.70	49.60	52.30	55.25	-2.95	peak
12	38481.453	2.72	39.41	42.13	55.25	-13.12	AVG

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Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	28397.927	0.83	36.91	37.74	55.25	-17.51	peak
2	28409.622	0.84	26.53	27.37	55.25	-27.88	AVG
3	31180.096	1.49	42.84	44.33	55.25	-10.92	peak
4	31244.352	1.50	31.54	33.04	55.25	-22.21	AVG
5	31737.043	1.59	33.32	34.91	55.25	-20.34	AVG
6	31750.113	1.60	45.11	46.71	55.25	-8.54	peak
7	34660.329	2.06	44.59	46.65	55.25	-8.60	peak
8	34688.882	2.06	32.13	34.19	55.25	-21.06	AVG
9	35894.828	2.27	36.23	38.50	55.25	-16.75	AVG
10	35909.610	2.28	48.32	50.60	55.25	-4.65	peak
11	38228.780	2.68	48.89	51.57	55.25	-3.68	peak
12	38244.523	2.68	37.26	39.94	55.25	-15.31	AVG

Note:- Testing is carried out in all possible configuration , only worst case data reported. This unit meets the FCC requirement.



****End of Report****