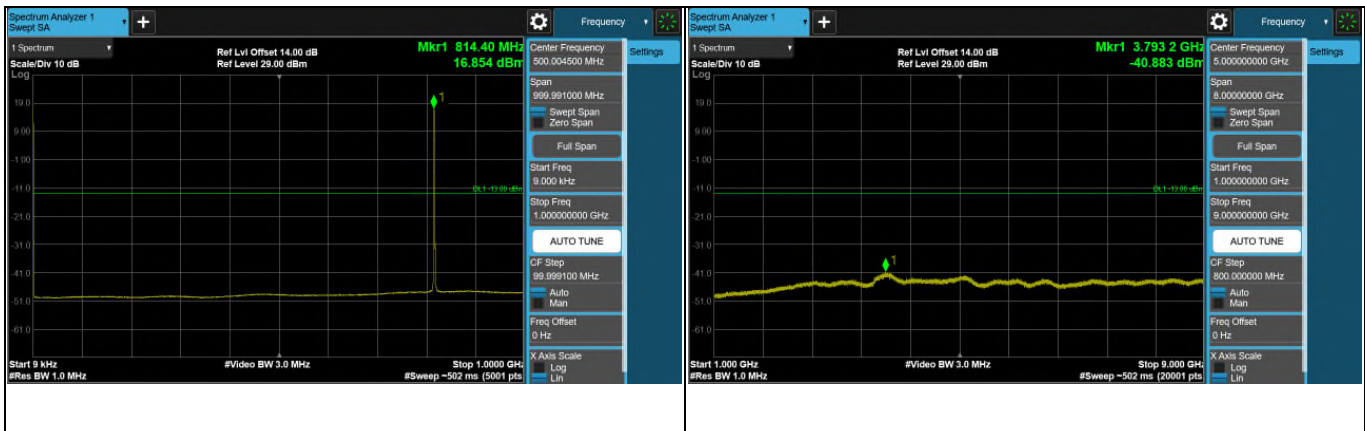
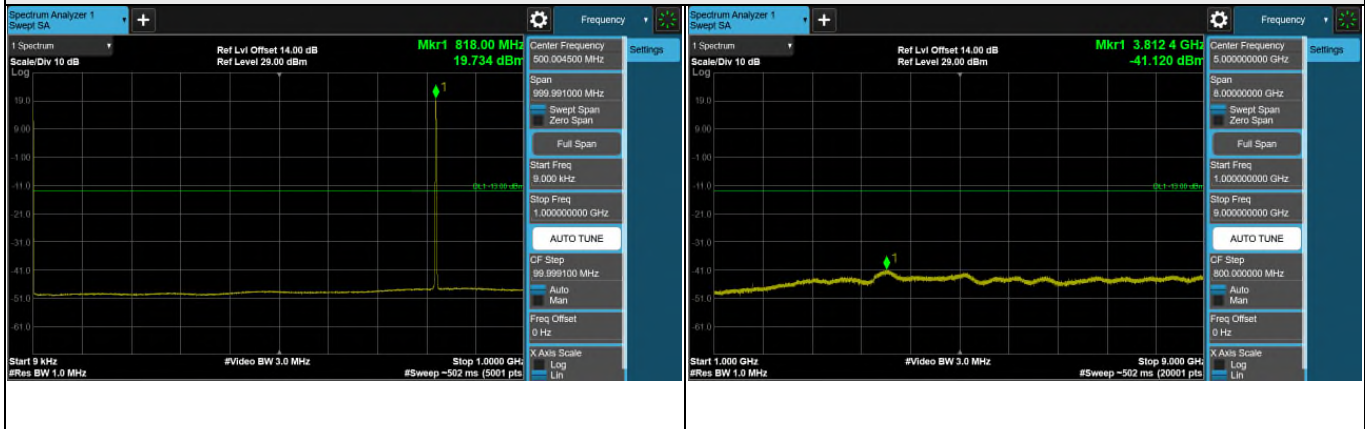


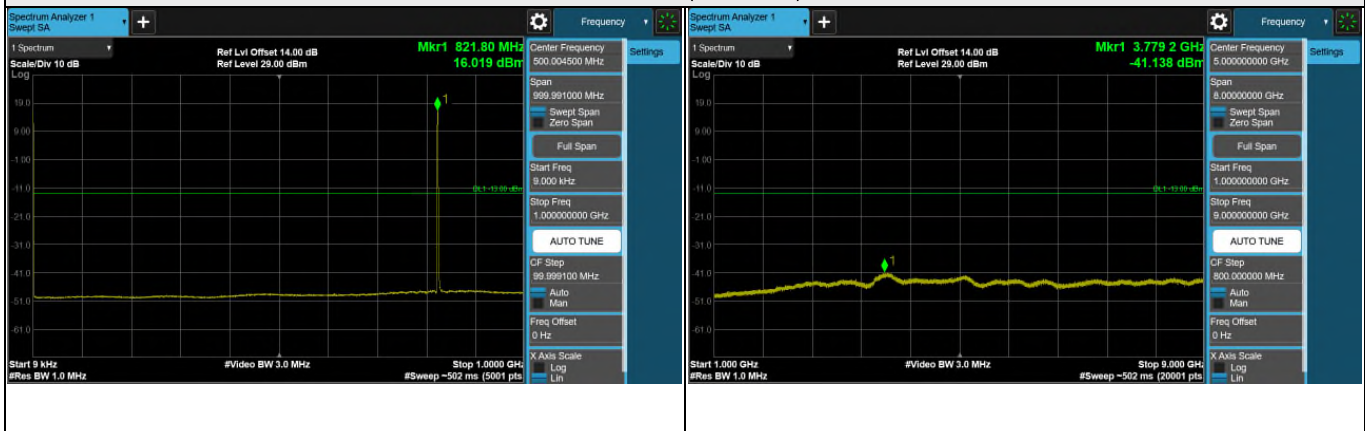
Cat-M1 Band 26, Channel Bandwidth: 3 MHz



CH 26705 (815.5 MHz)



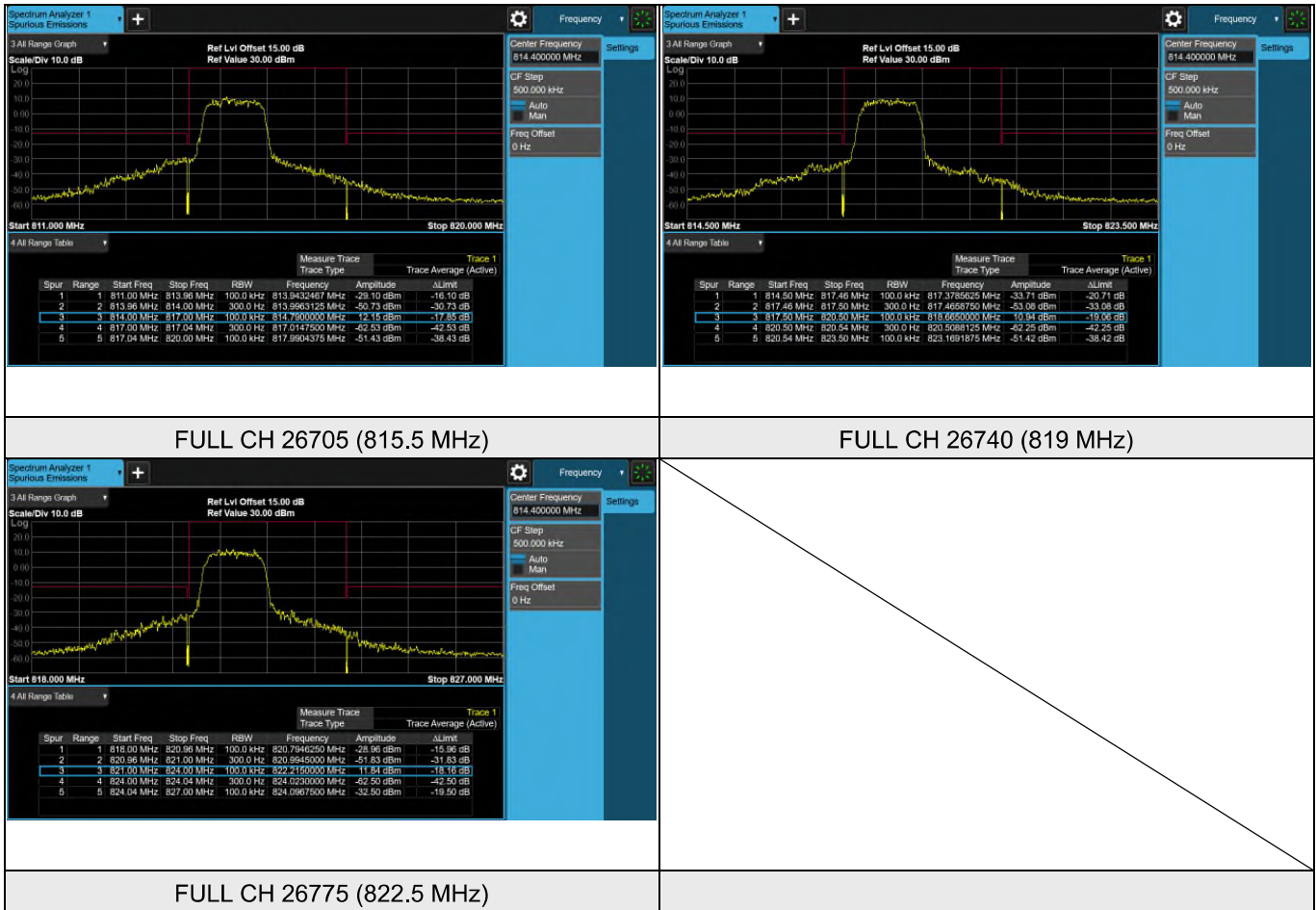
CH 26740 (819 MHz)

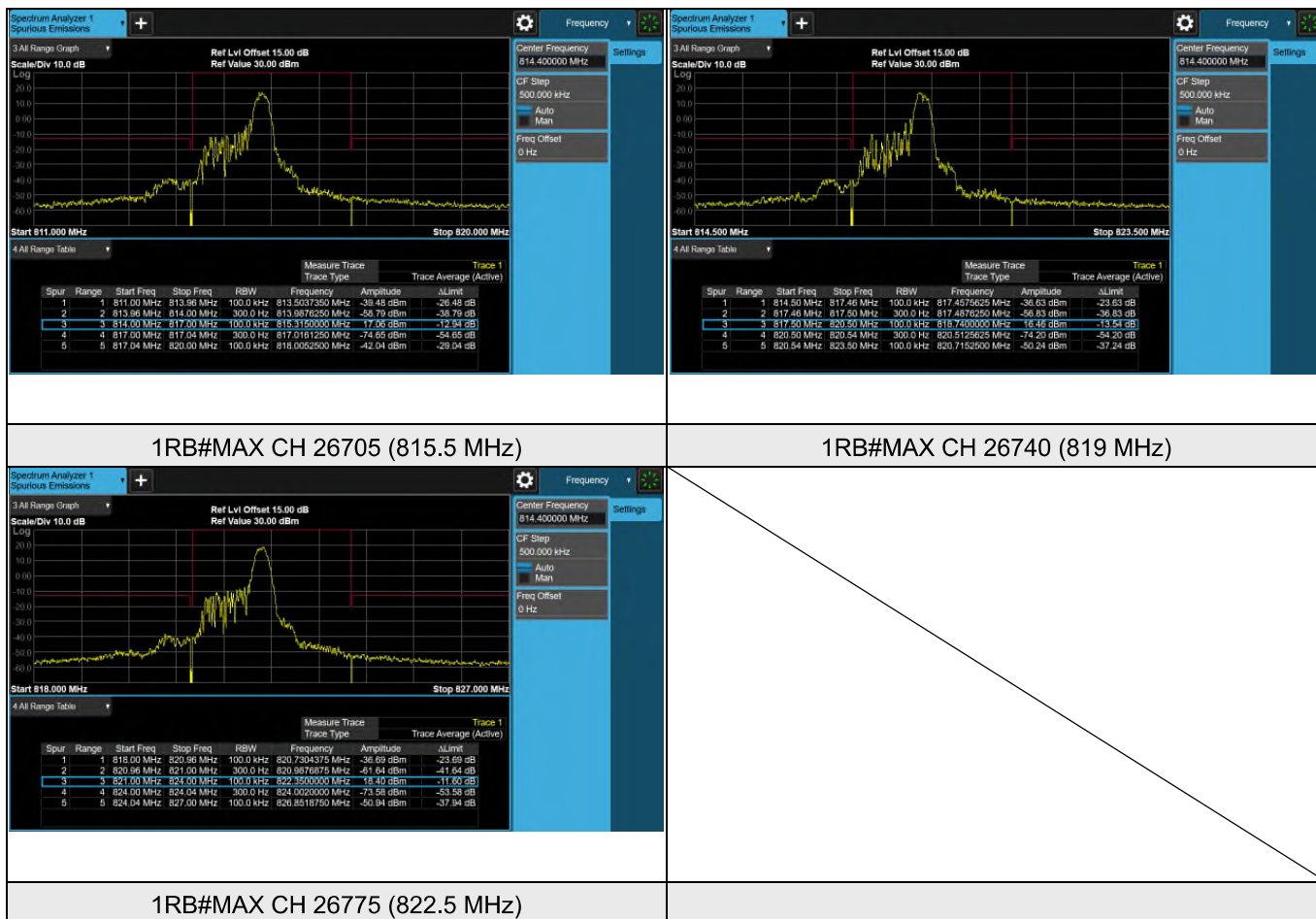


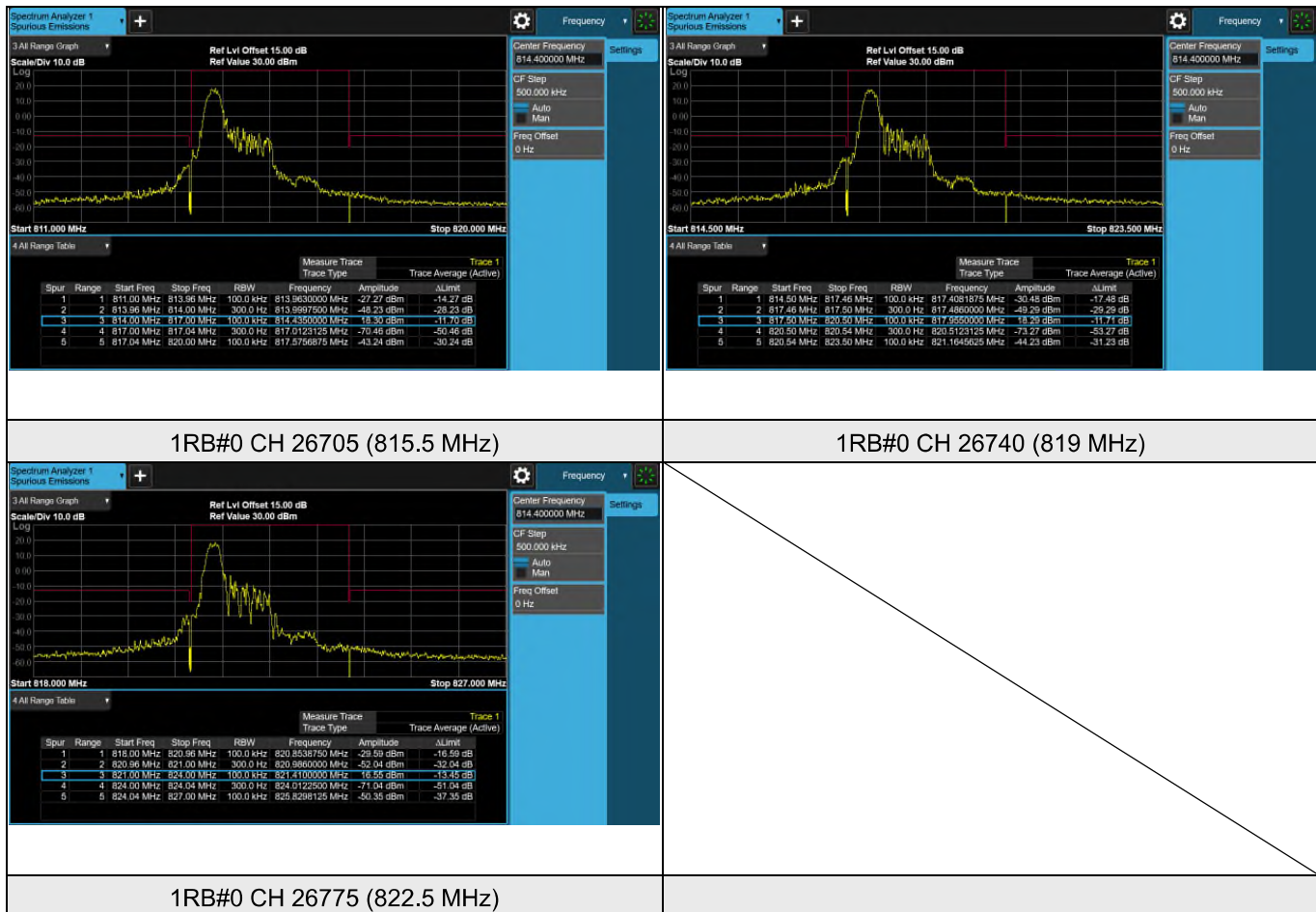
CH 26775 (822.5 MHz)



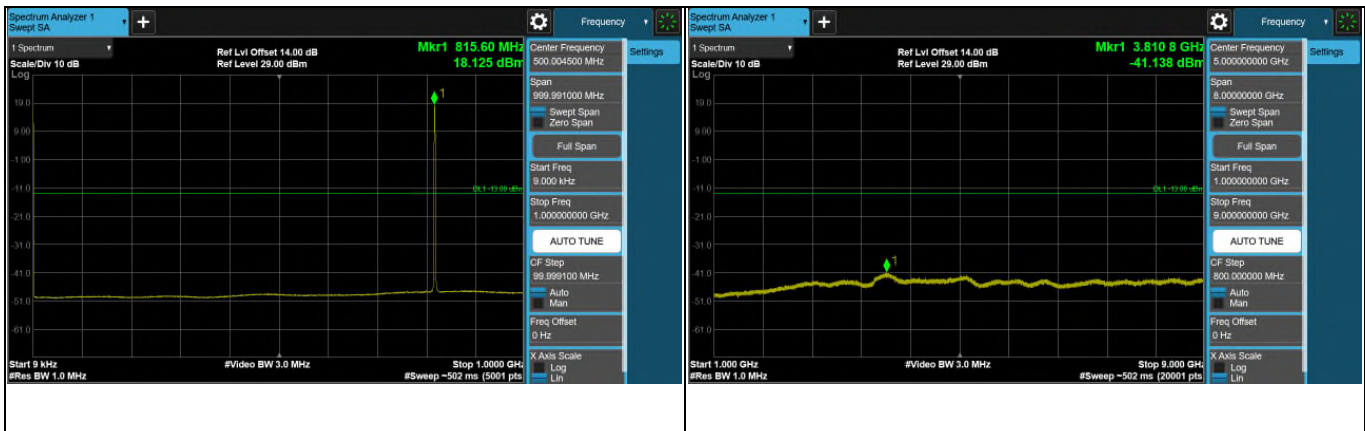
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



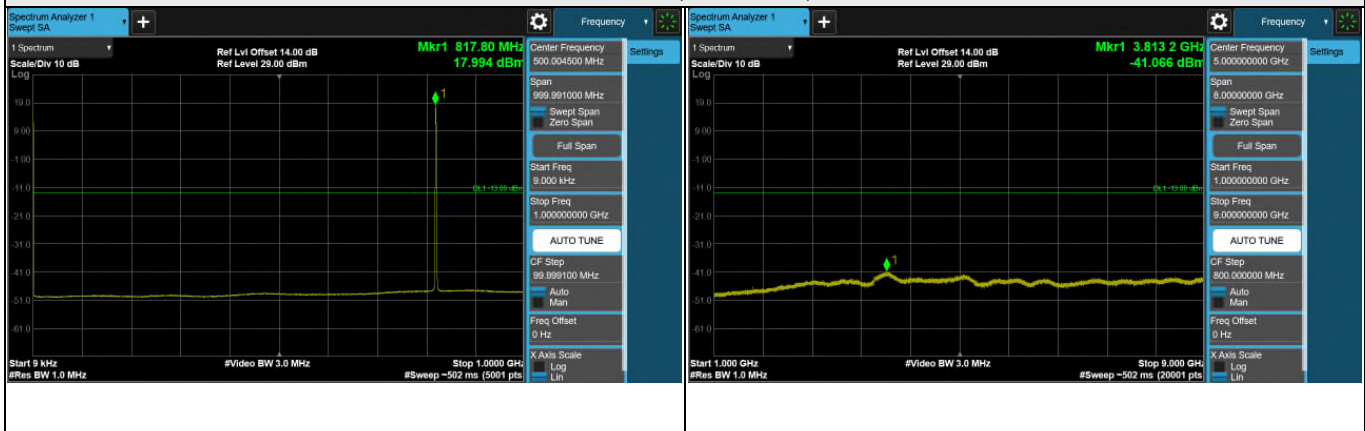




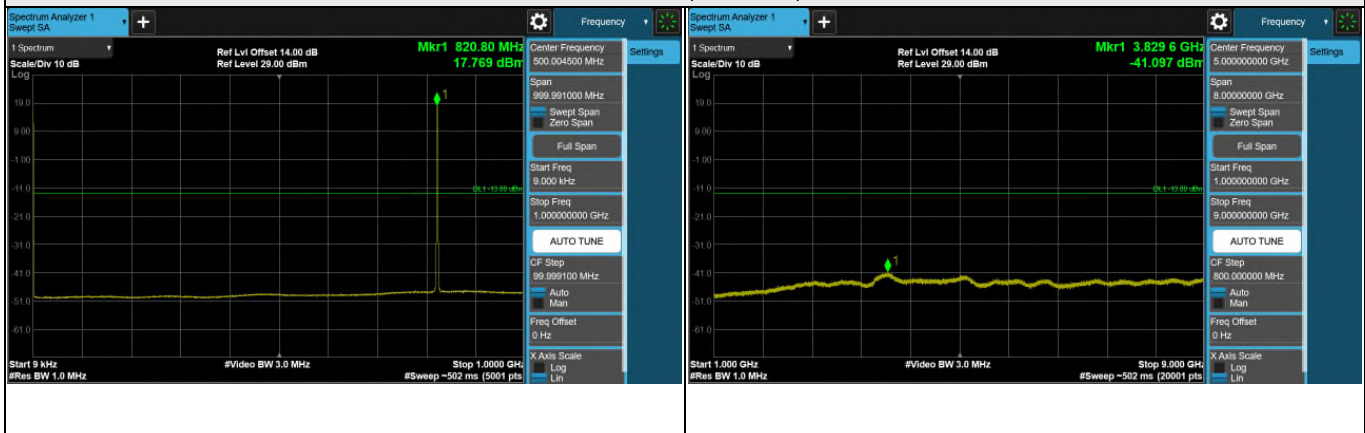
Cat-M1 Band 26, Channel Bandwidth: 5 MHz



CH 26715 (816.5 MHz)

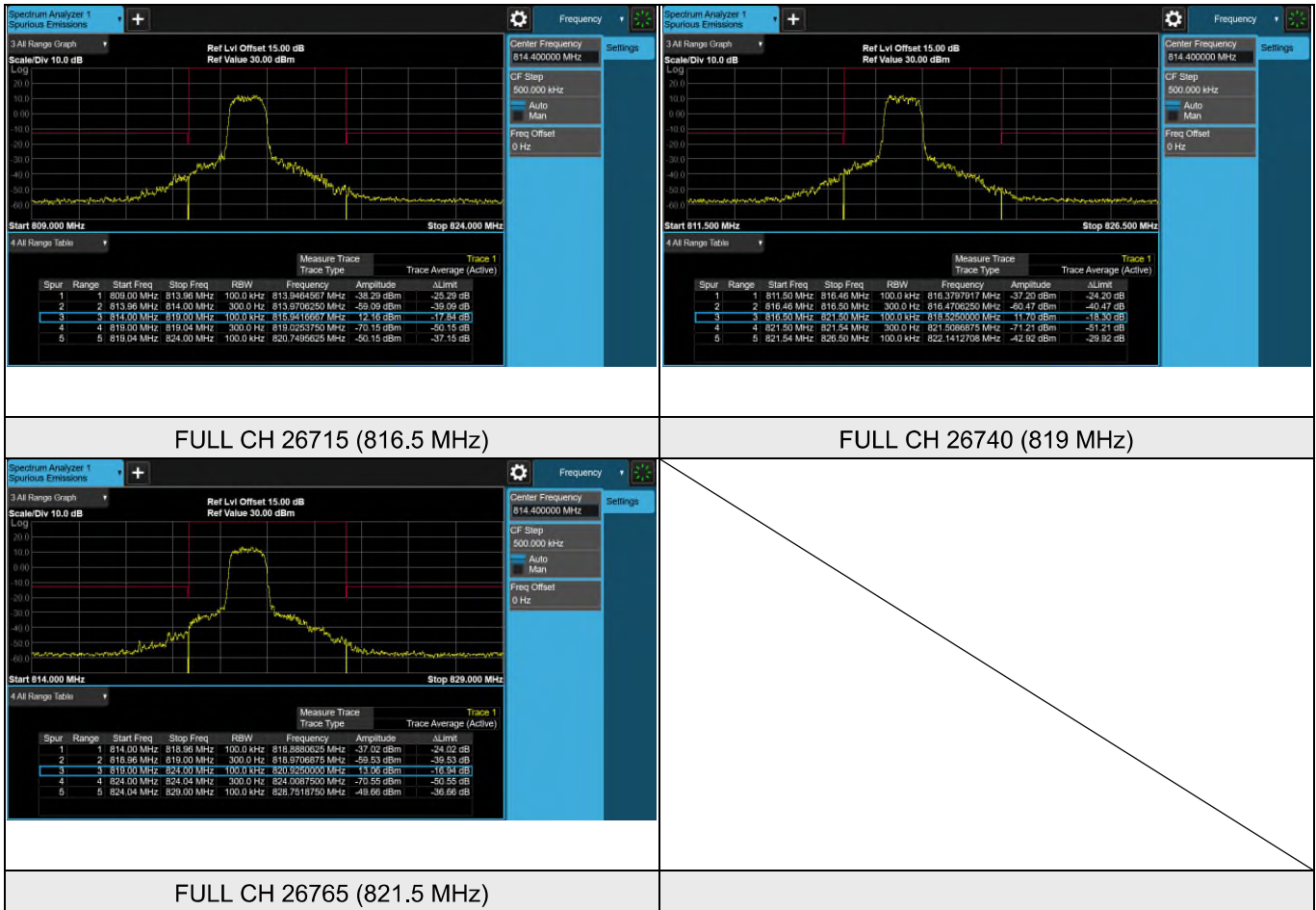


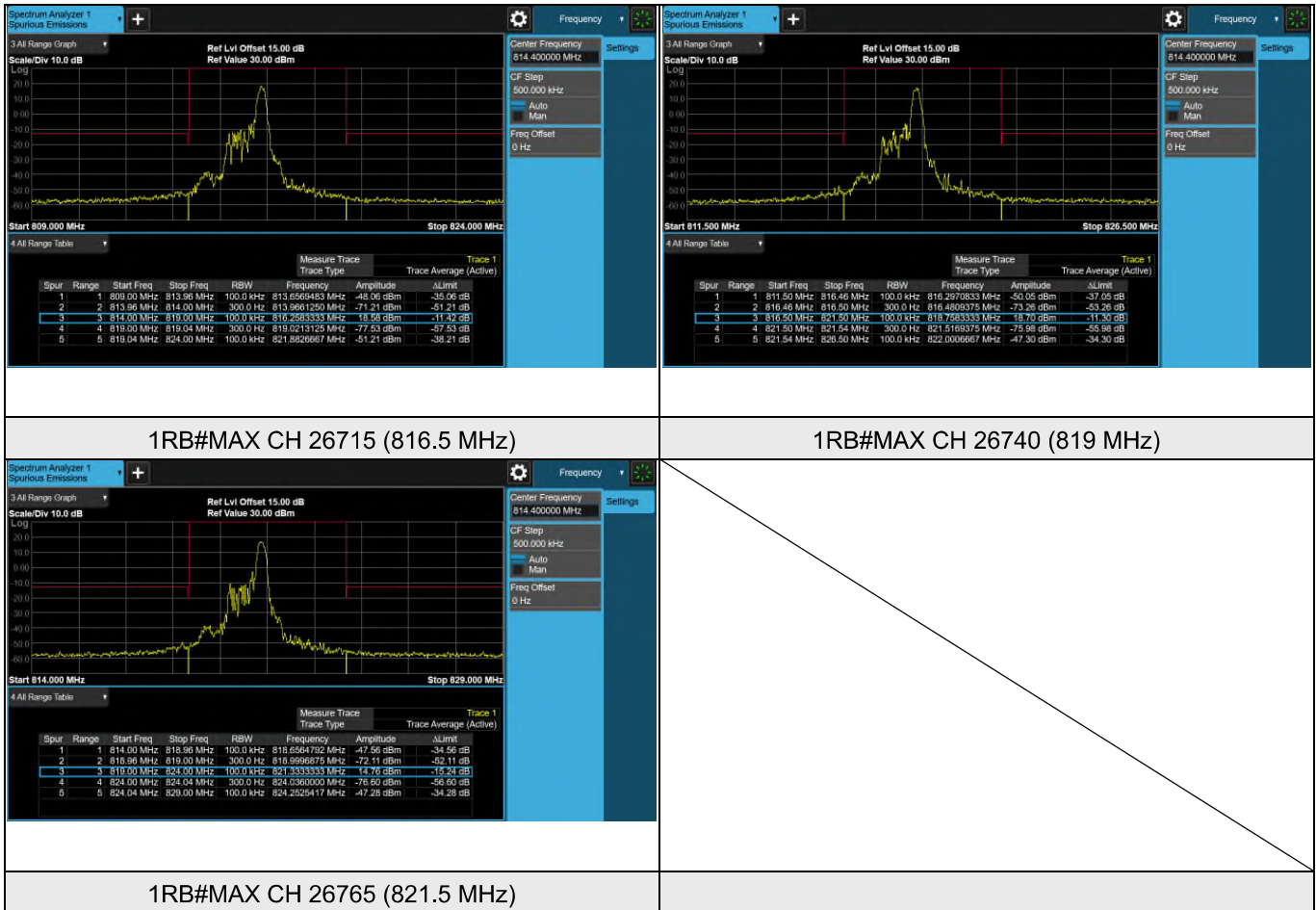
CH 26740 (819 MHz)

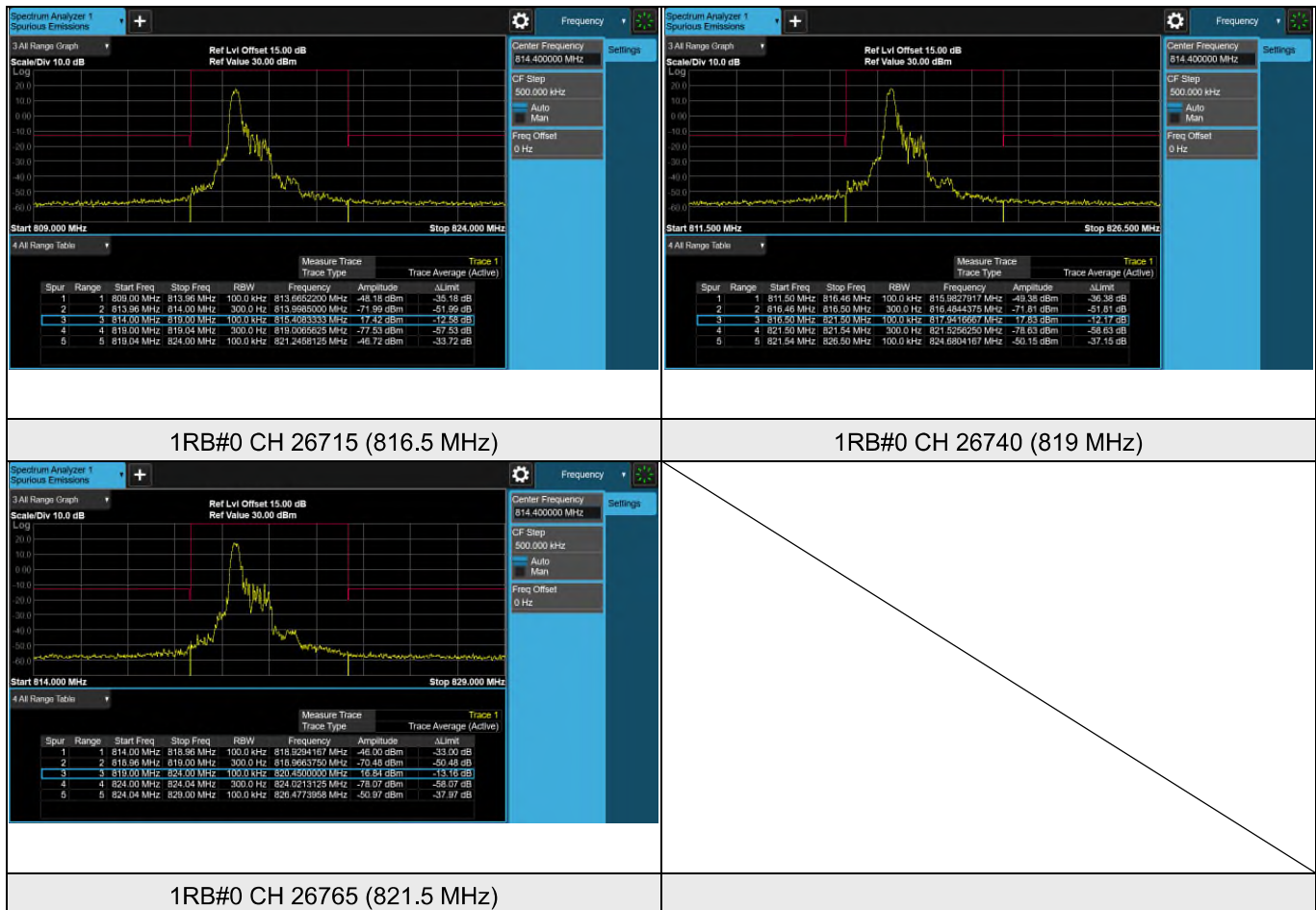


CH 26765 (821.5 MHz)

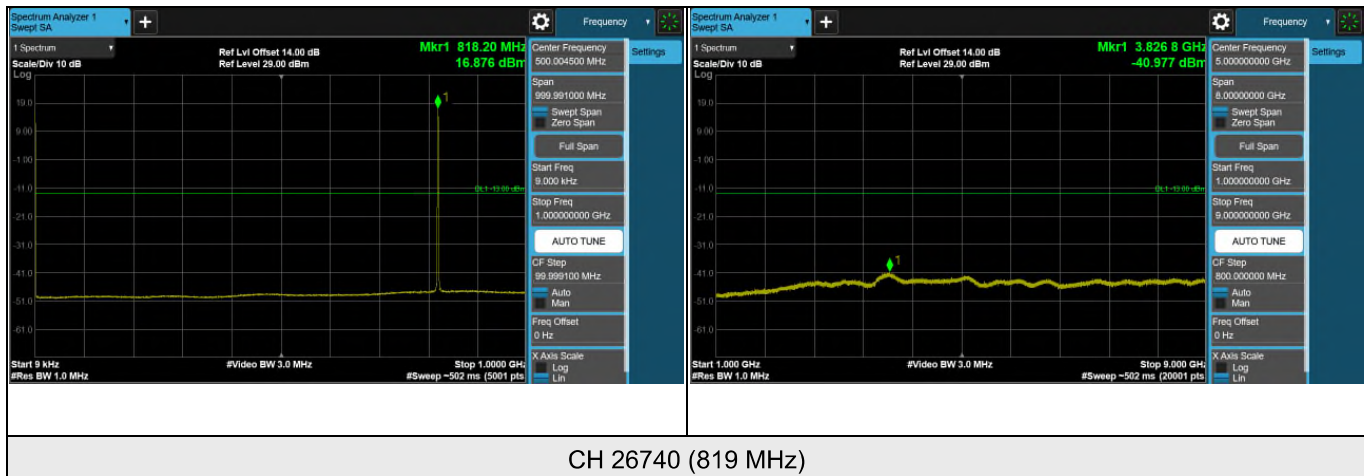
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



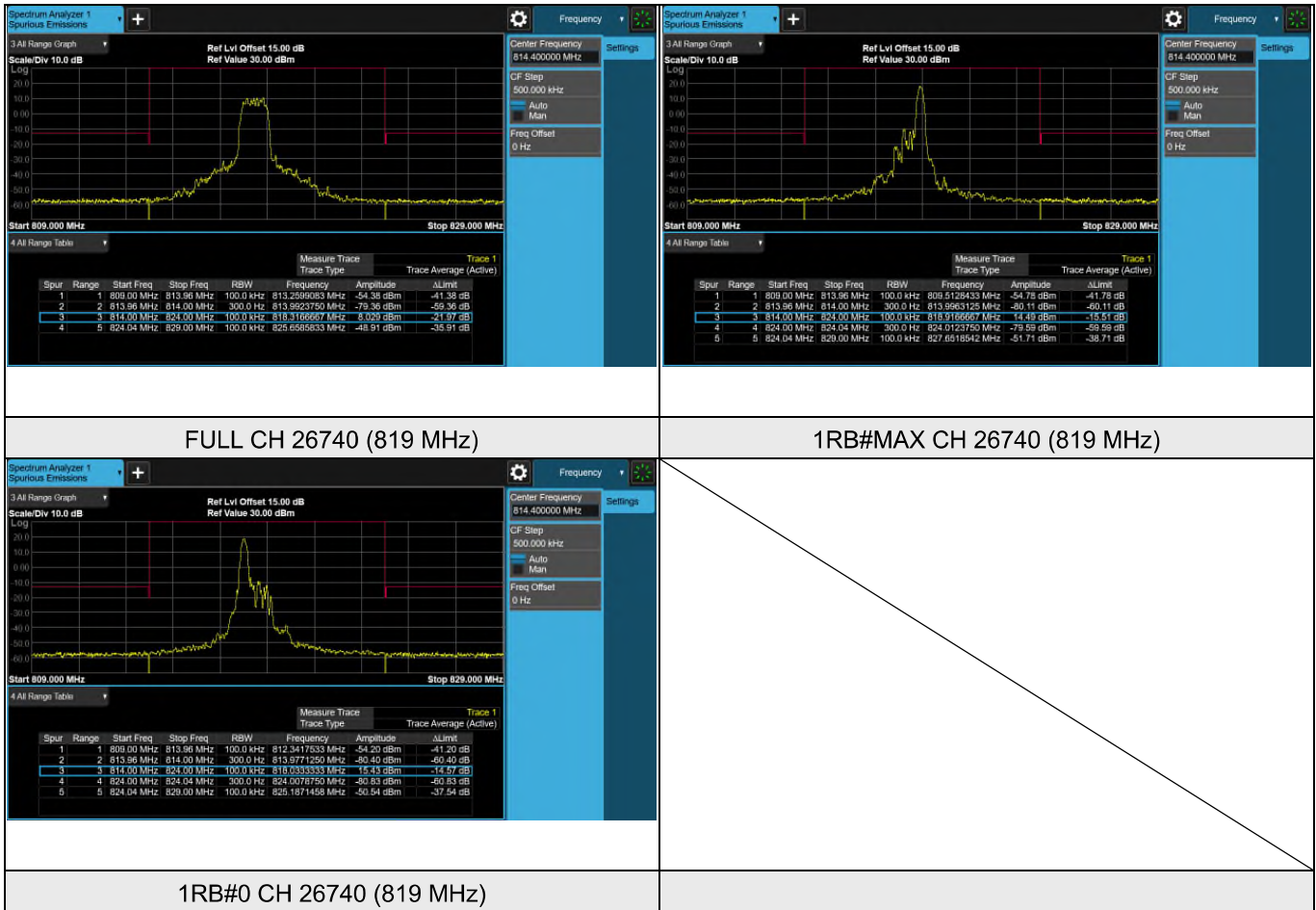




Cat-M1 Band 26, Channel Bandwidth: 10 MHz

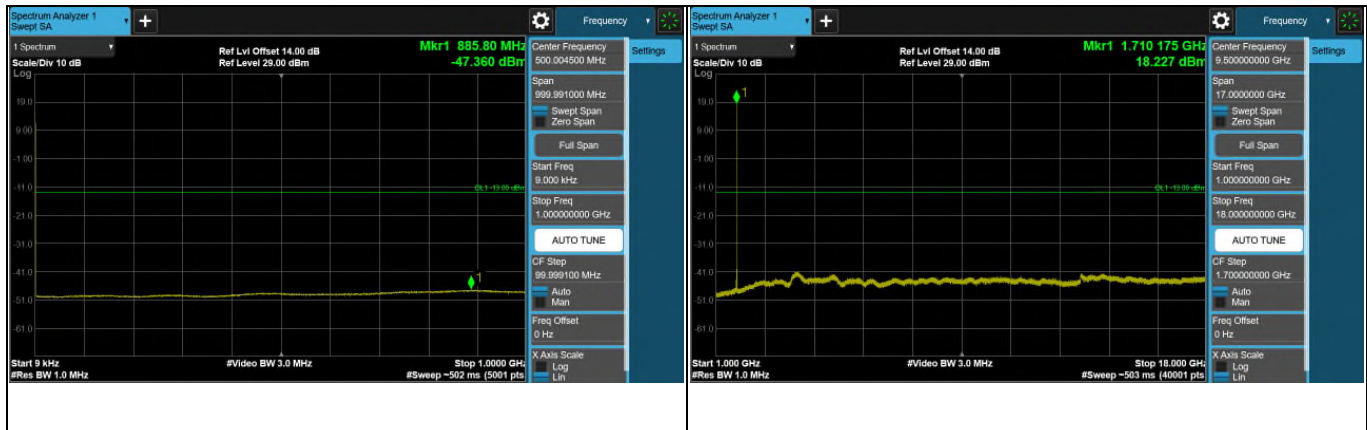


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

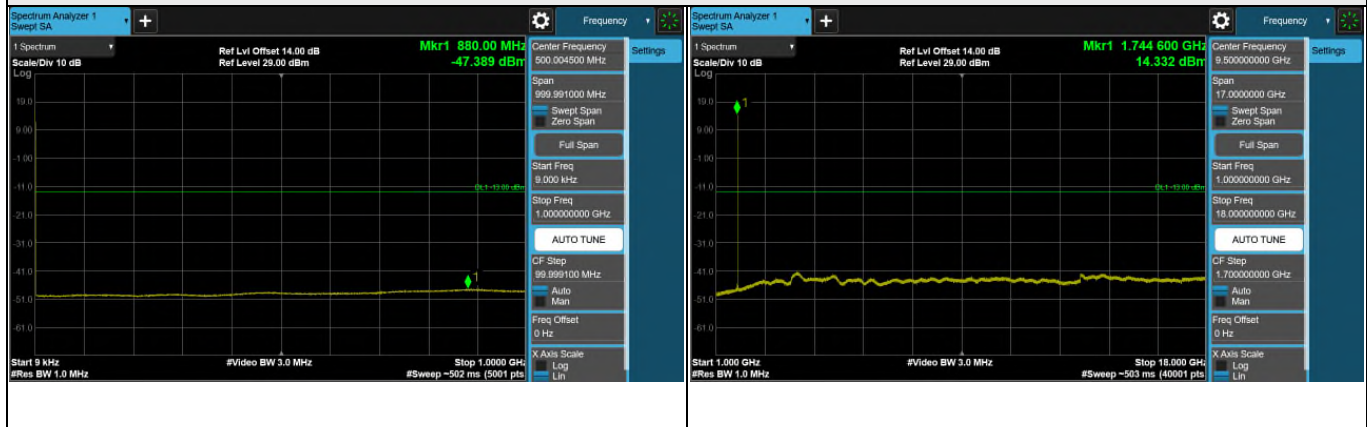


7.5.11 Cat-M1 Band 66

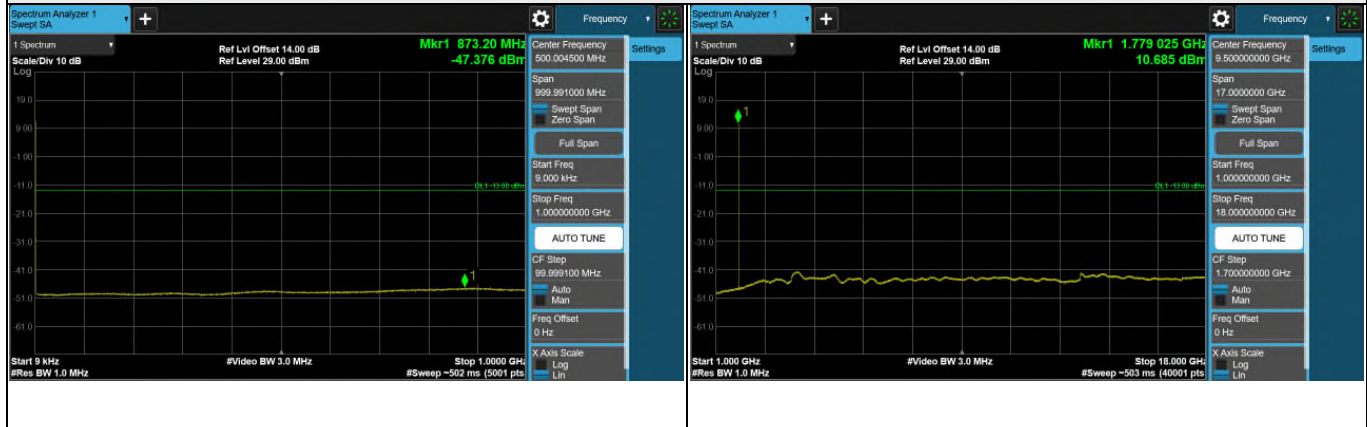
Cat-M1 Band 66, Channel Bandwidth: 1.4 MHz



CH 131979 (1710.7 MHz)

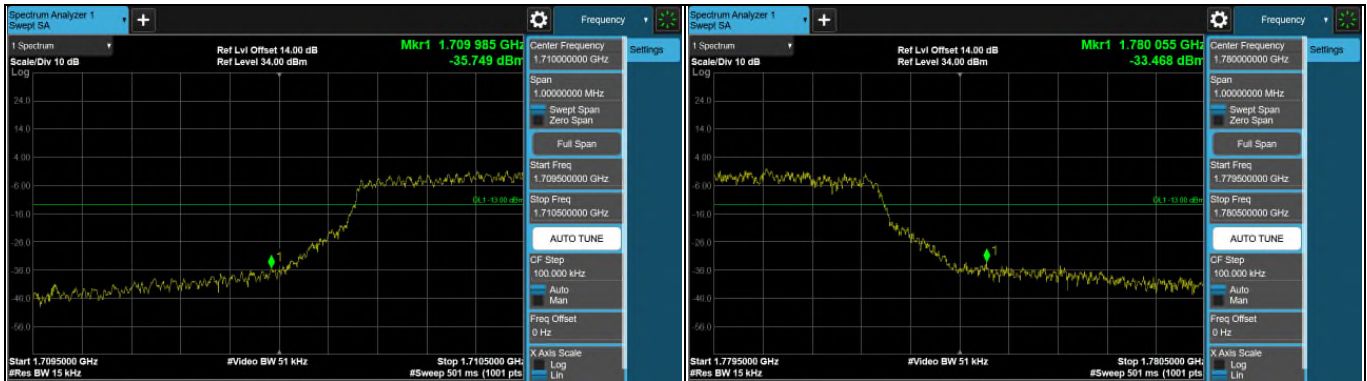


CH 132322 (1745 MHz)

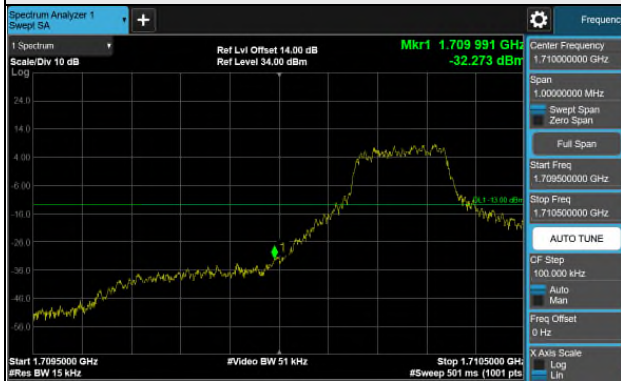


CH 132665 (1779.3 MHz)

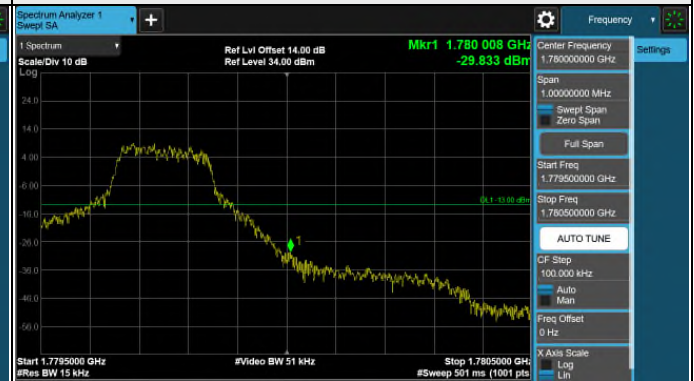
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



FULL CH 131979 (1710.7 MHz)



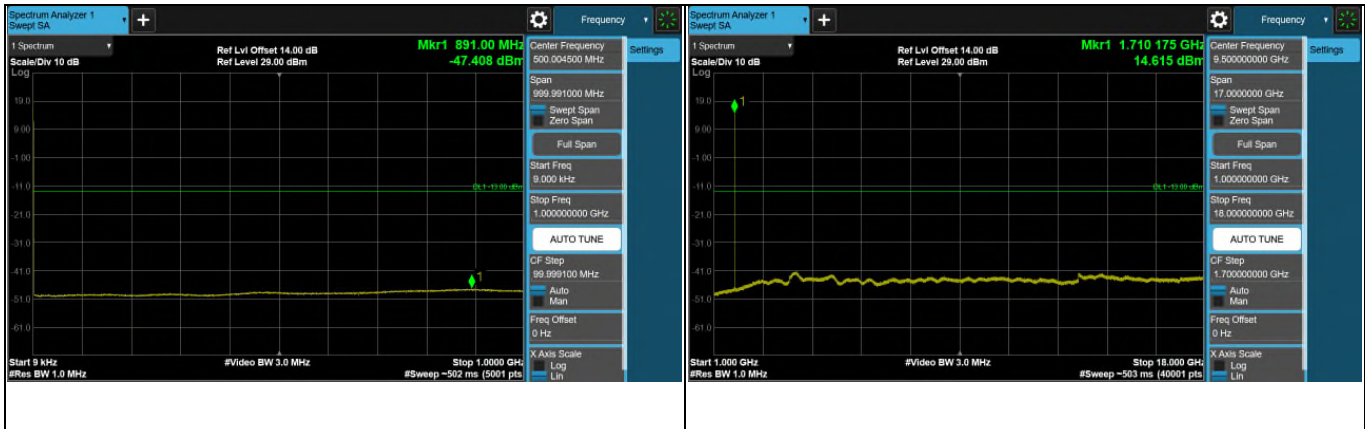
FULL CH 132665 (1779.3 MHz)



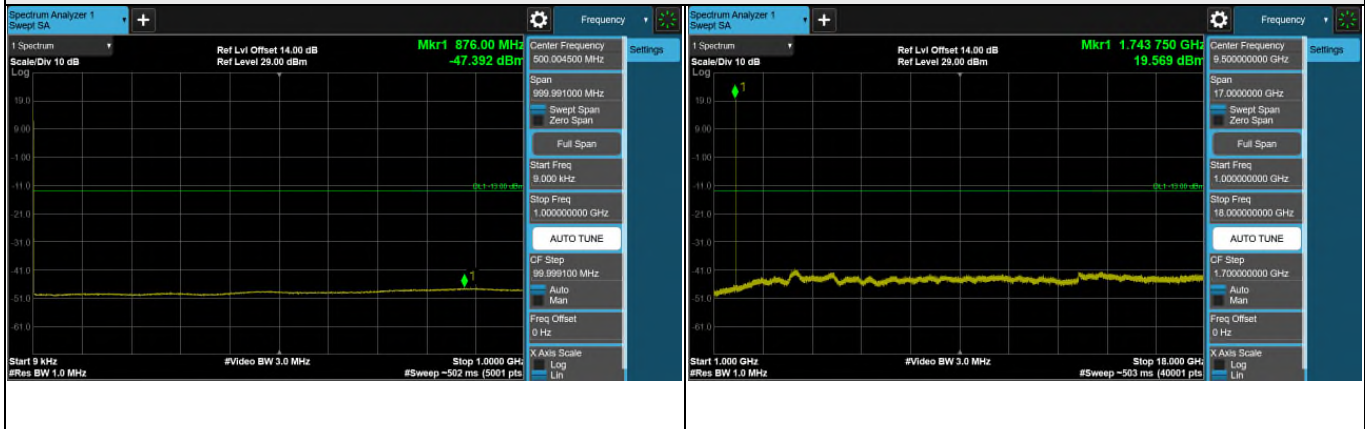
1RB CH 131979 (1710.7 MHz)

1RB CH 132665 (1779.3 MHz)

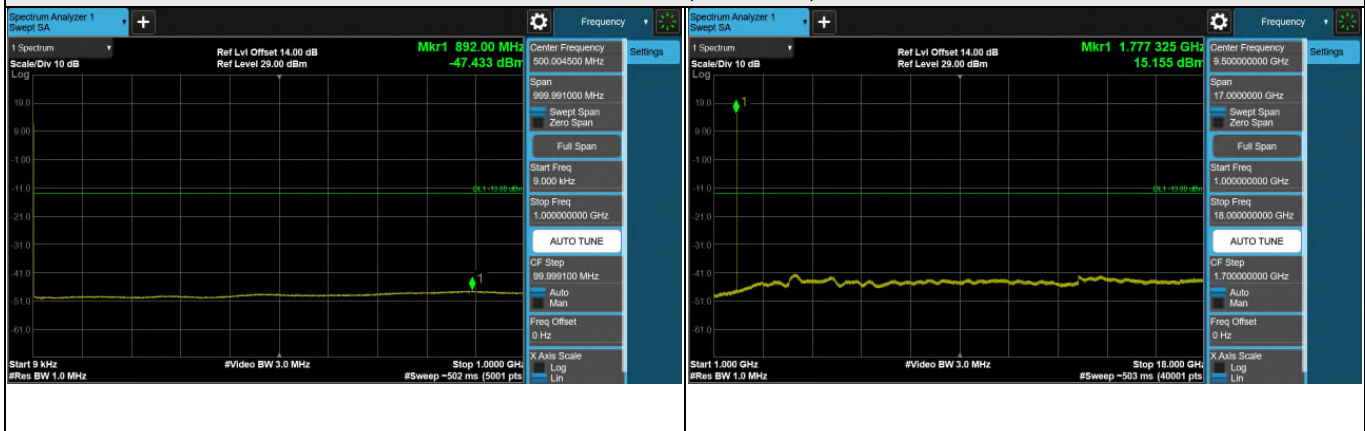
Cat-M1 Band 66, Channel Bandwidth: 3 MHz



CH 131987 (1711.5 MHz)

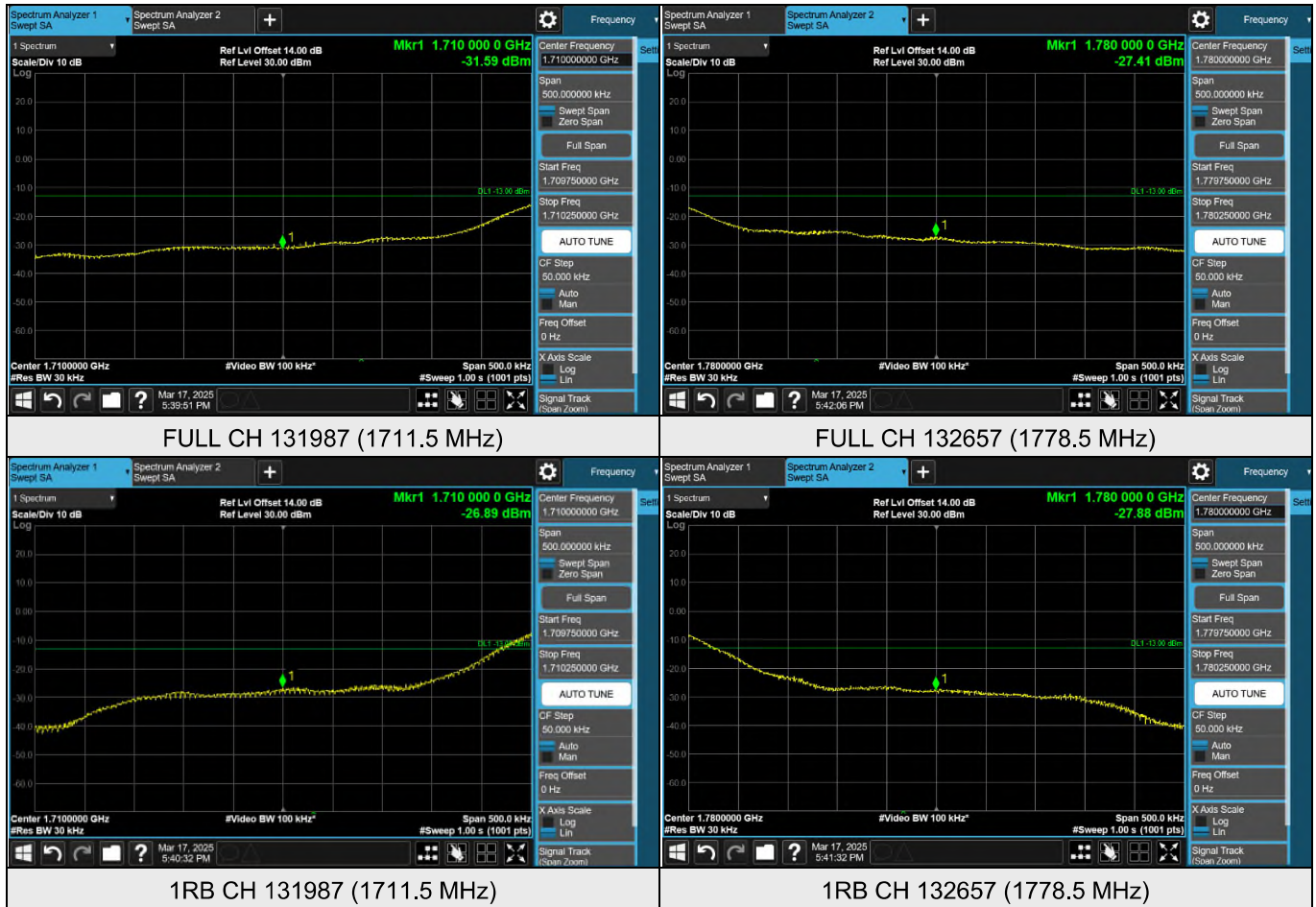


CH 132322 (1745 MHz)

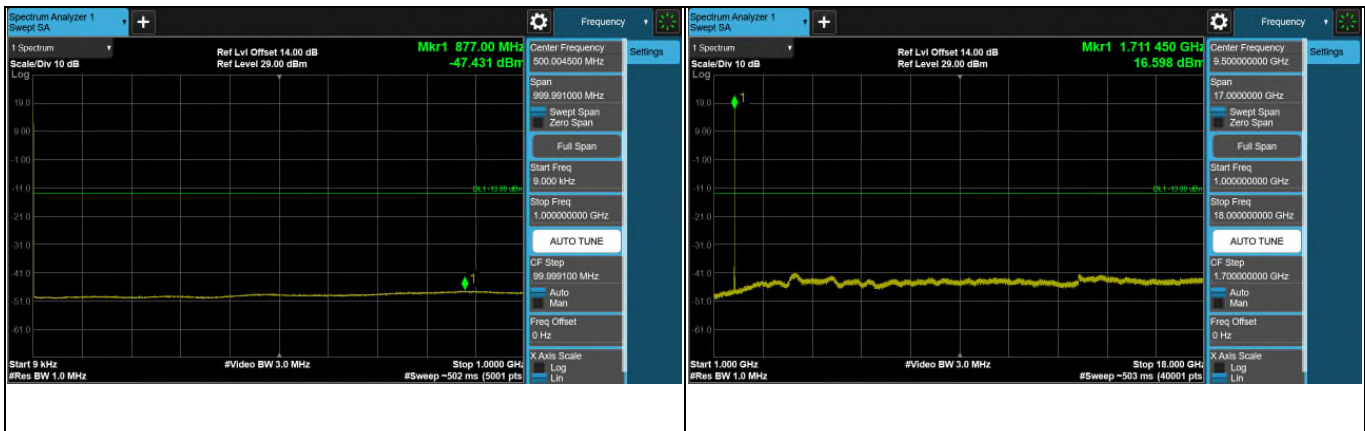


CH 132657 (1778.5 MHz)

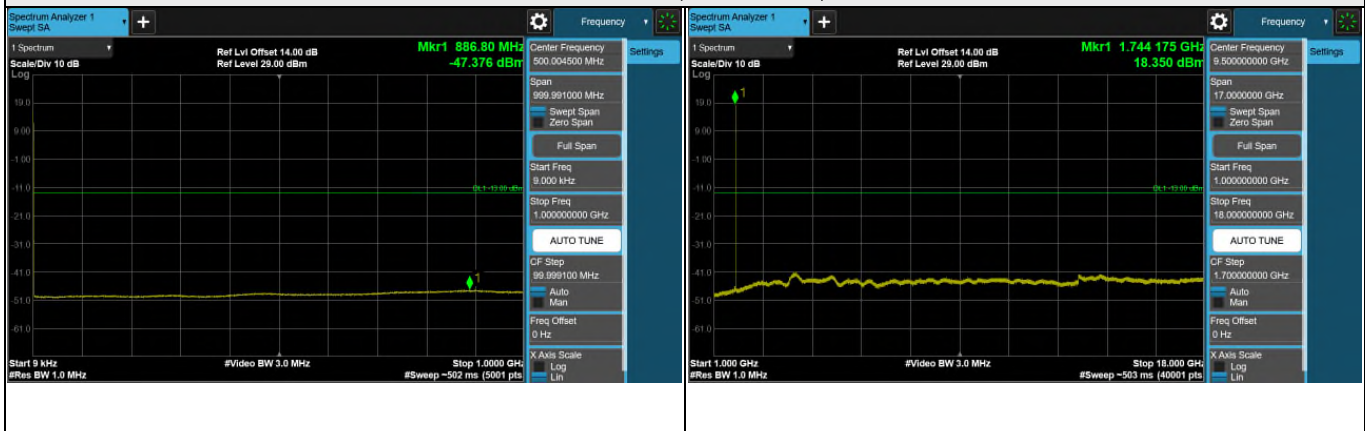
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



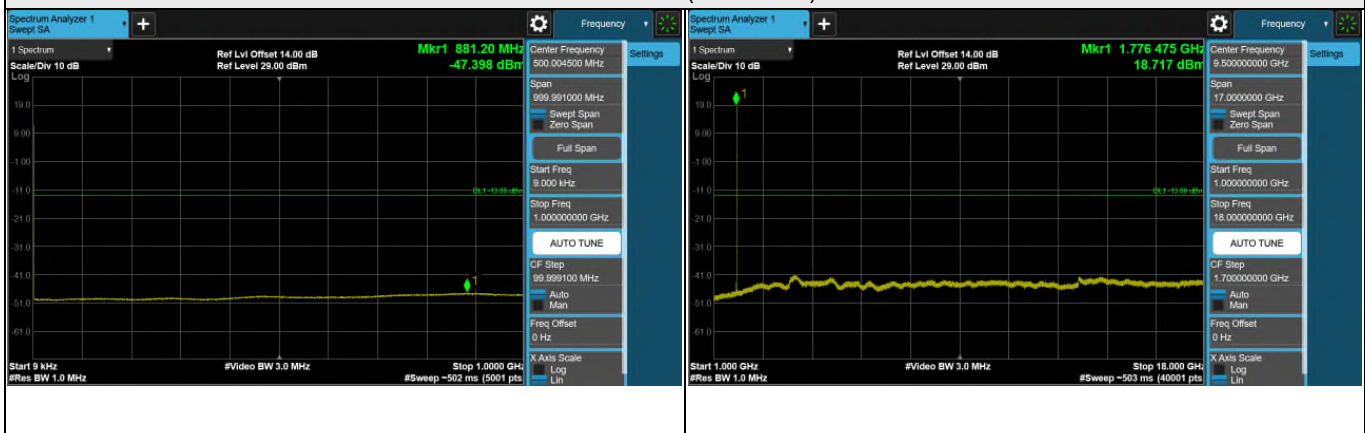
Cat-M1 Band 66, Channel Bandwidth: 5 MHz



CH 131997 (1712.5 MHz)



CH 132322 (1745 MHz)

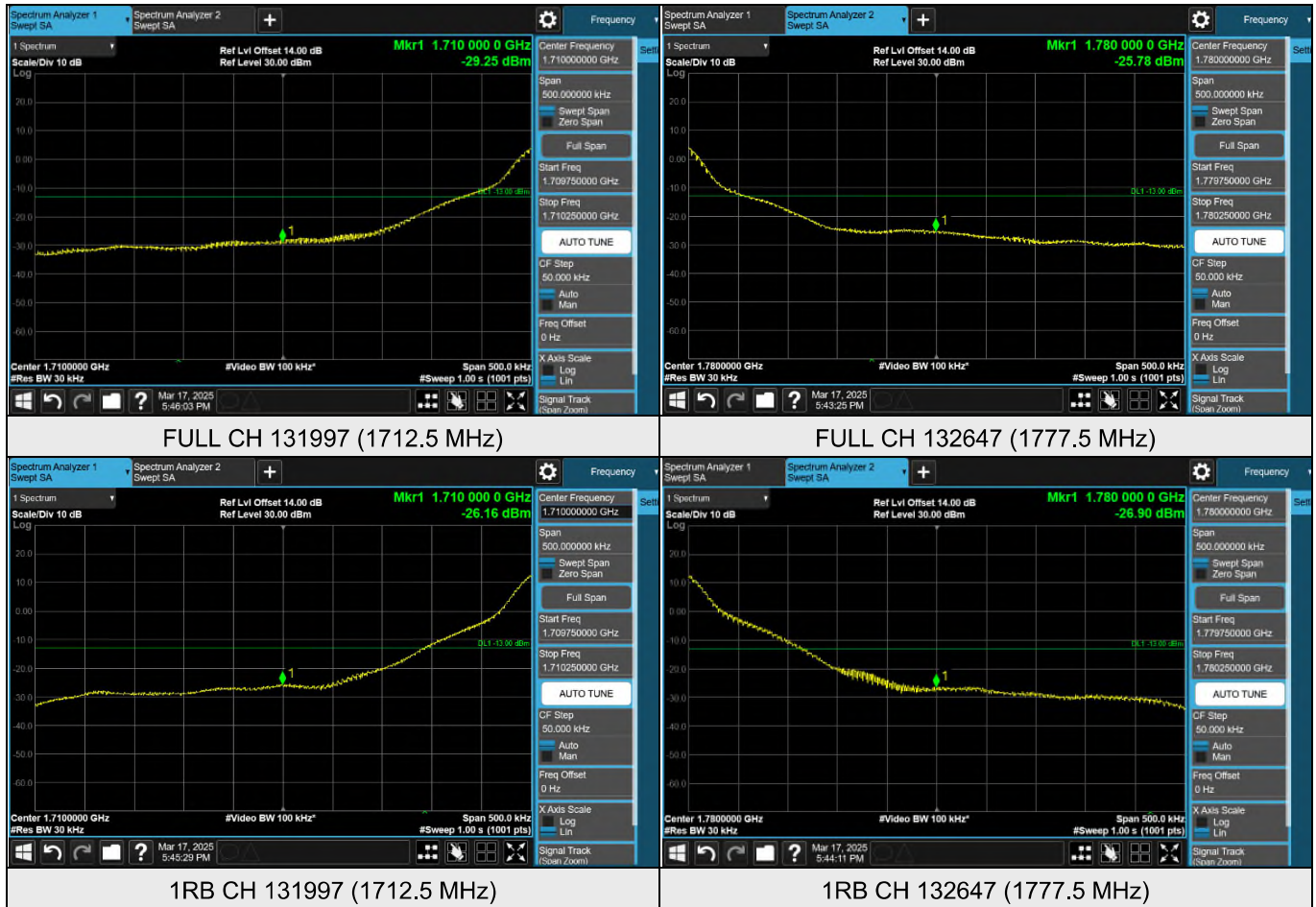


CH 132647 (1777.5 MHz)

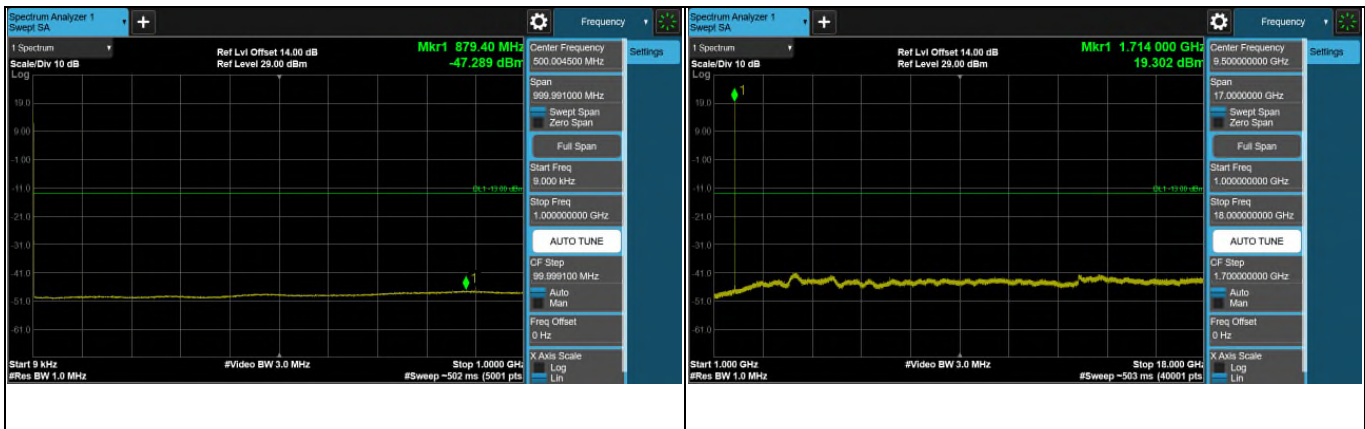
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



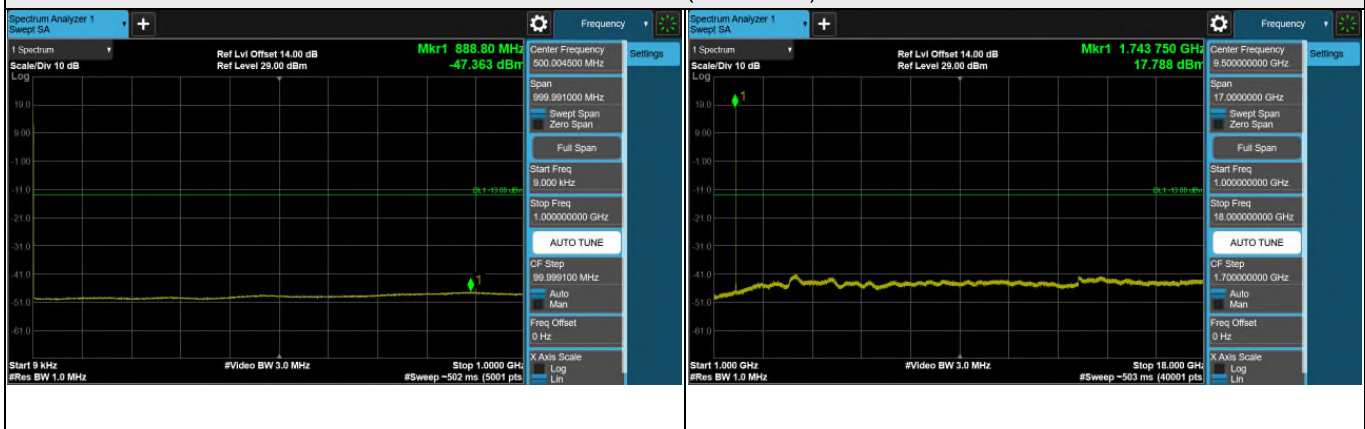
BUREAU
VERITAS



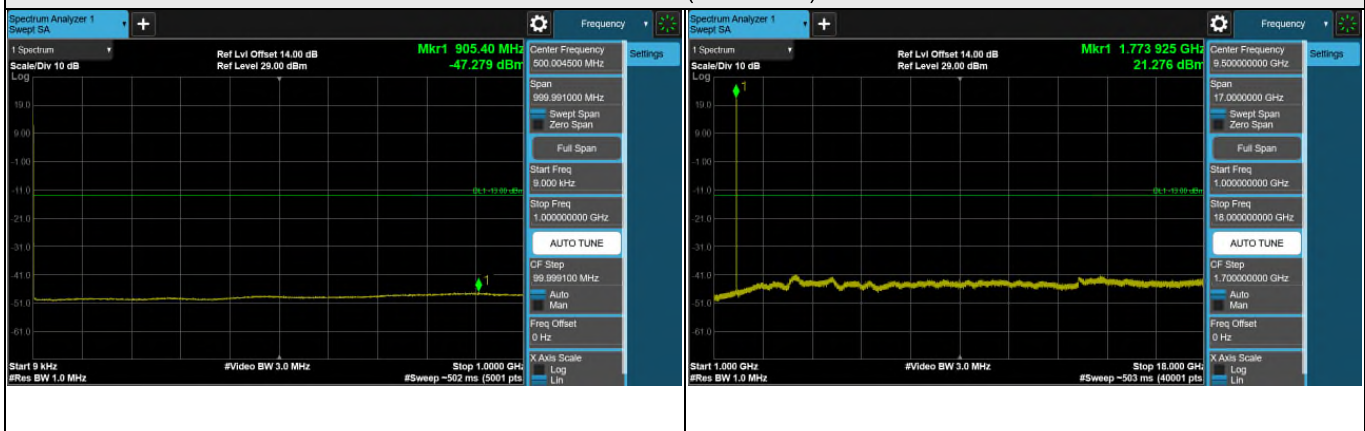
Cat-M1 Band 66, Channel Bandwidth: 10 MHz



CH 132022 (1715 MHz)

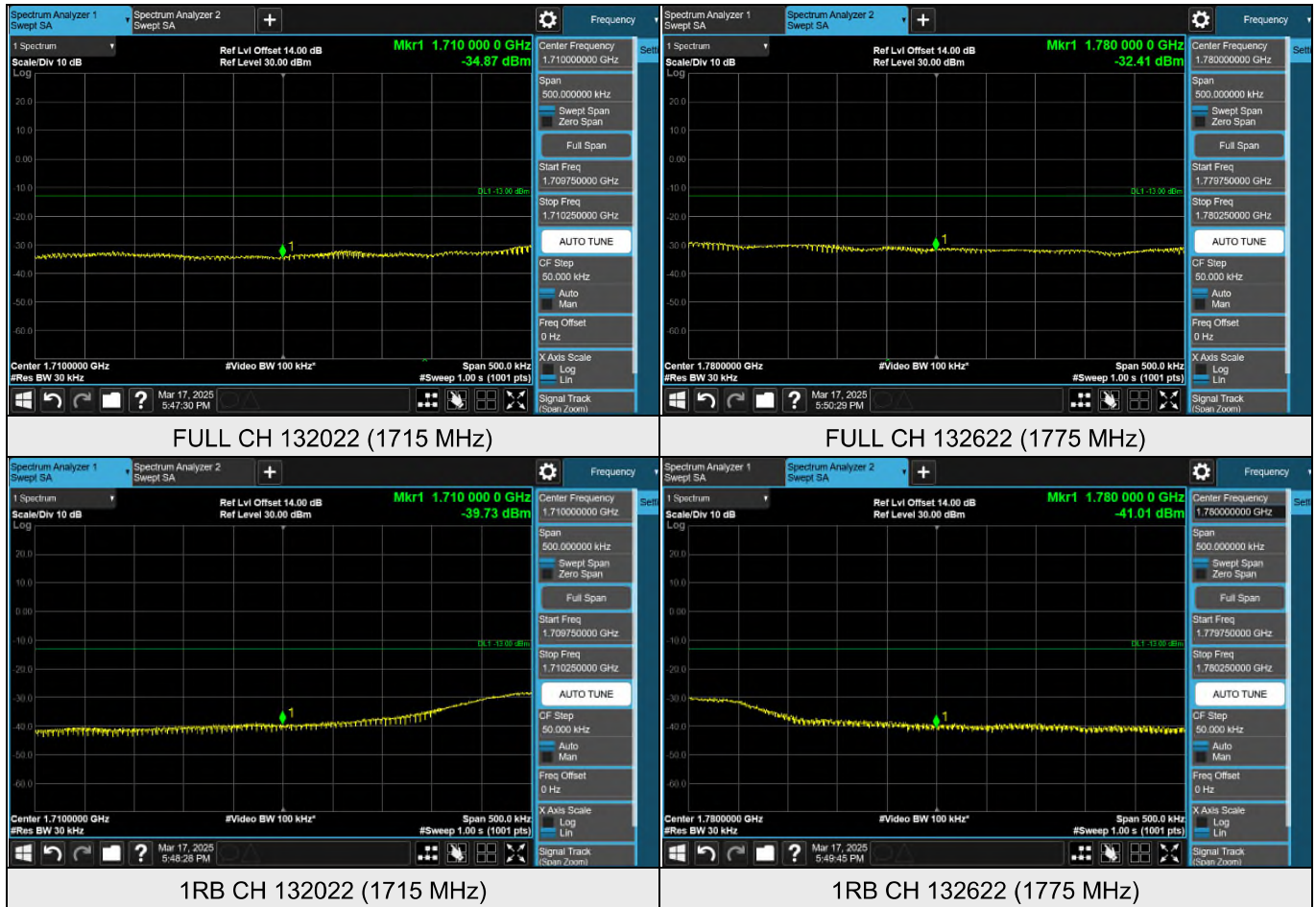


CH 132322 (1745 MHz)

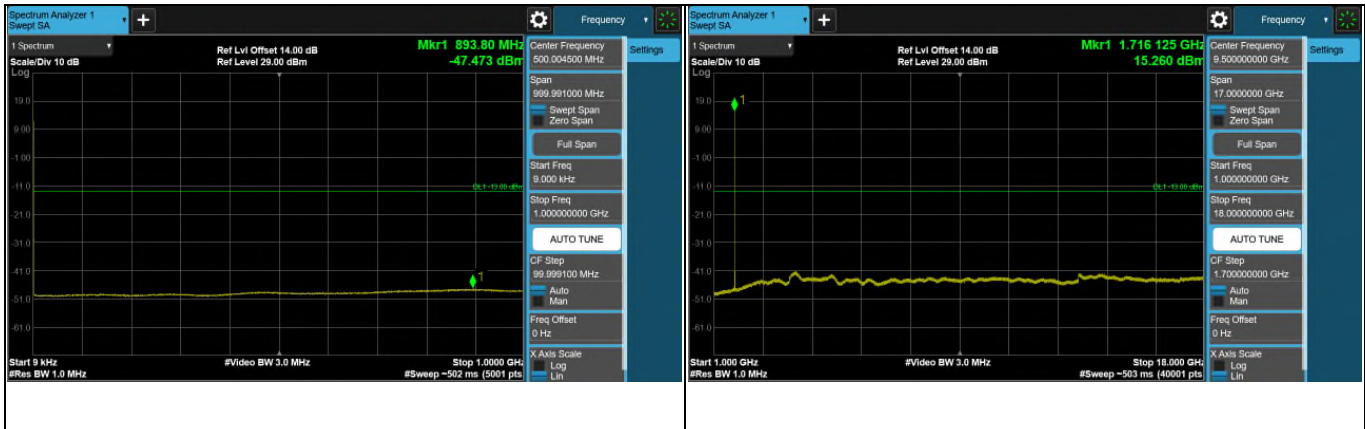


CH 132622 (1775 MHz)

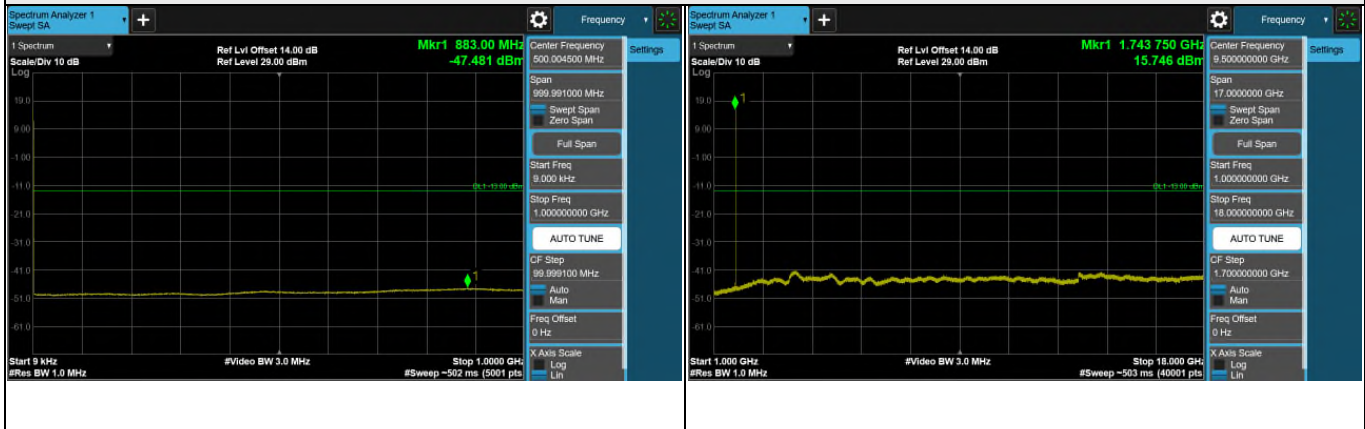
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



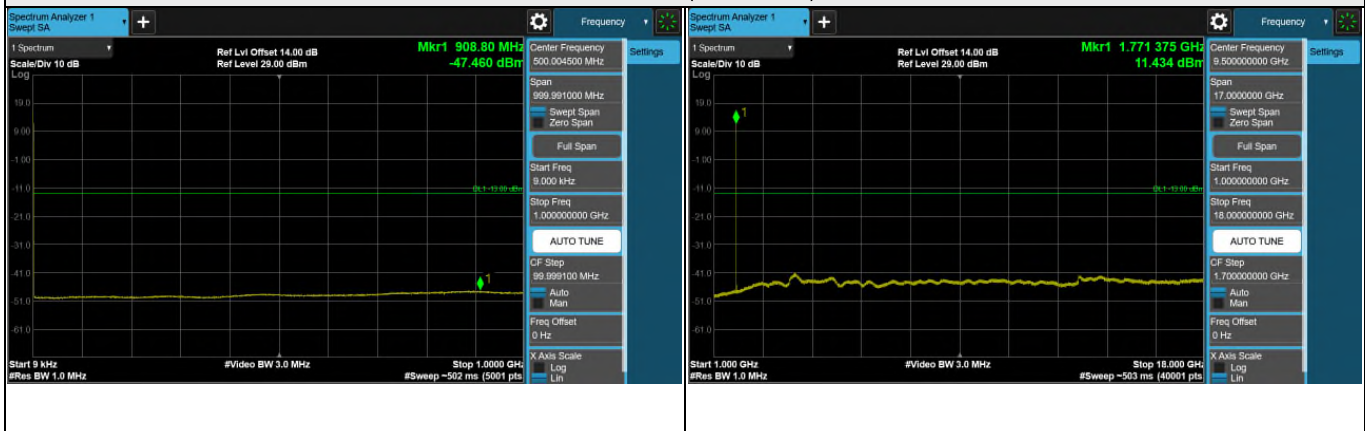
Cat-M1 Band 66, Channel Bandwidth: 15 MHz



CH 132047 (1717.5 MHz)

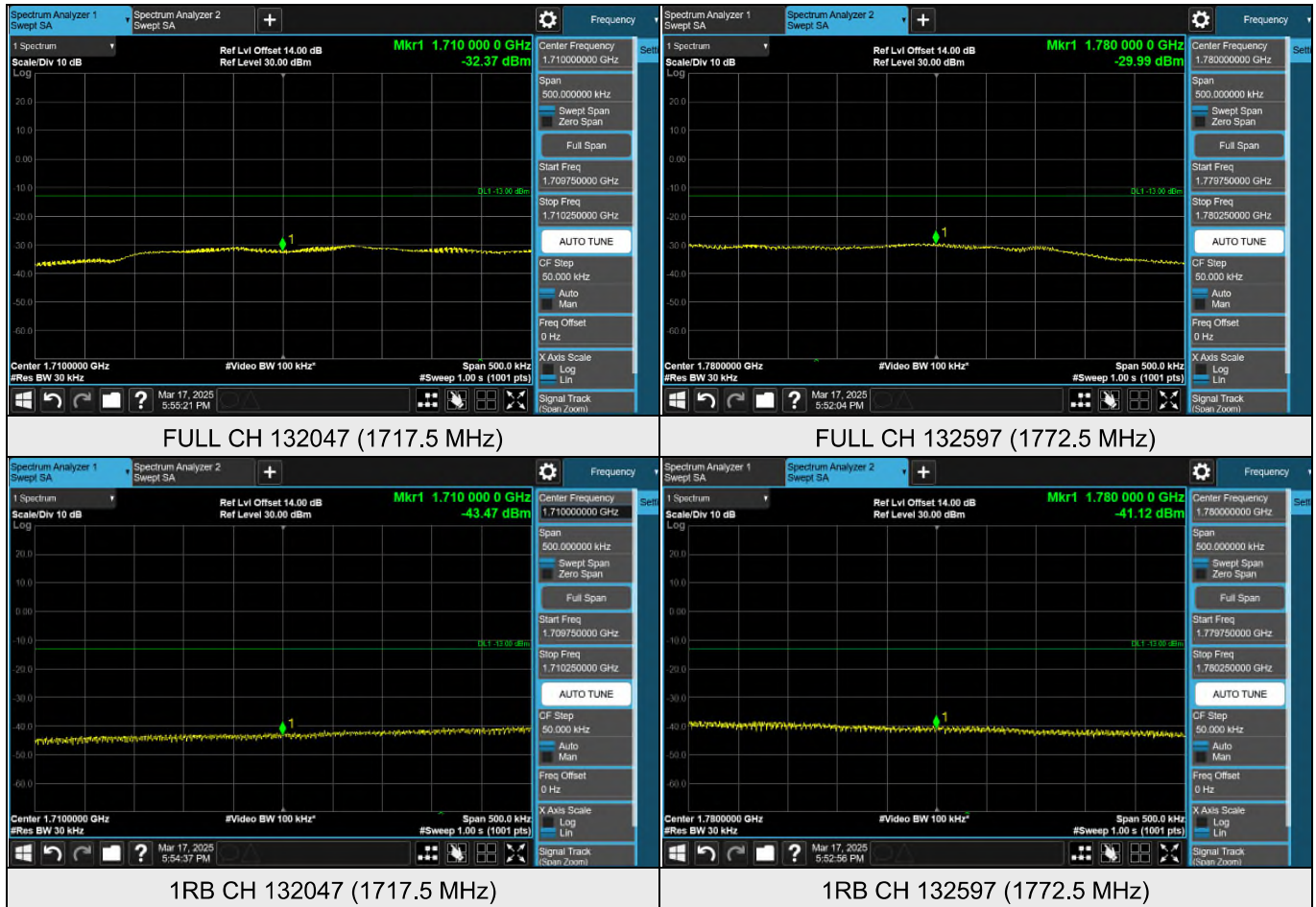


CH 132322 (1745 MHz)

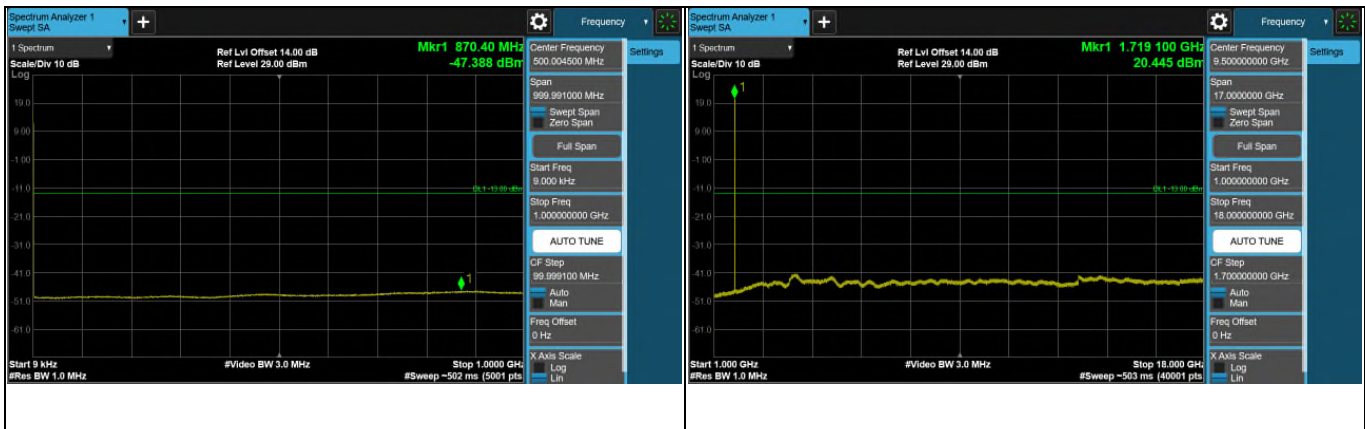


CH 132597 (1772.5 MHz)

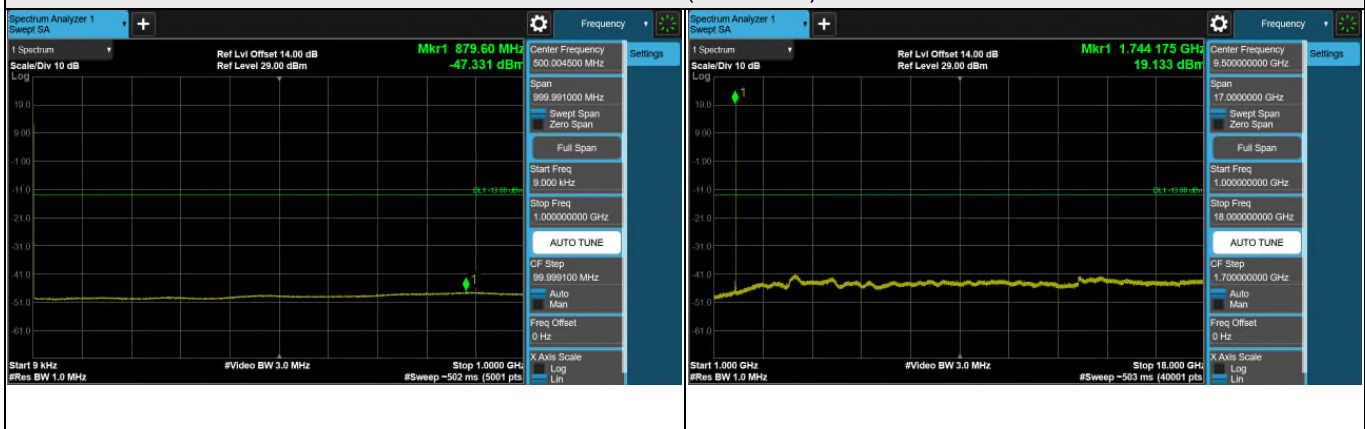
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



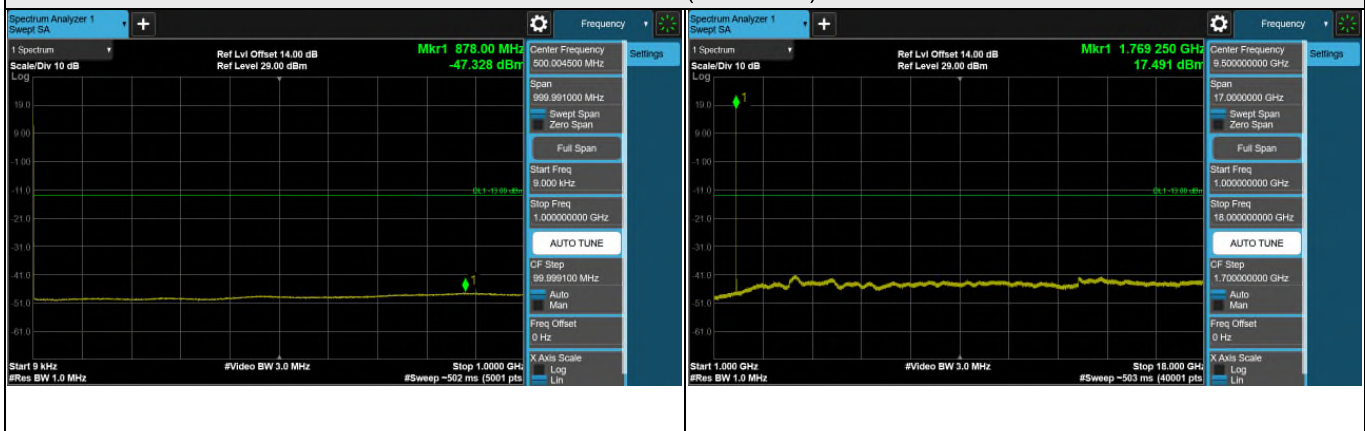
Cat-M1 Band 66, Channel Bandwidth: 20 MHz



CH 132072 (1720 MHz)



CH 132322 (1745 MHz)

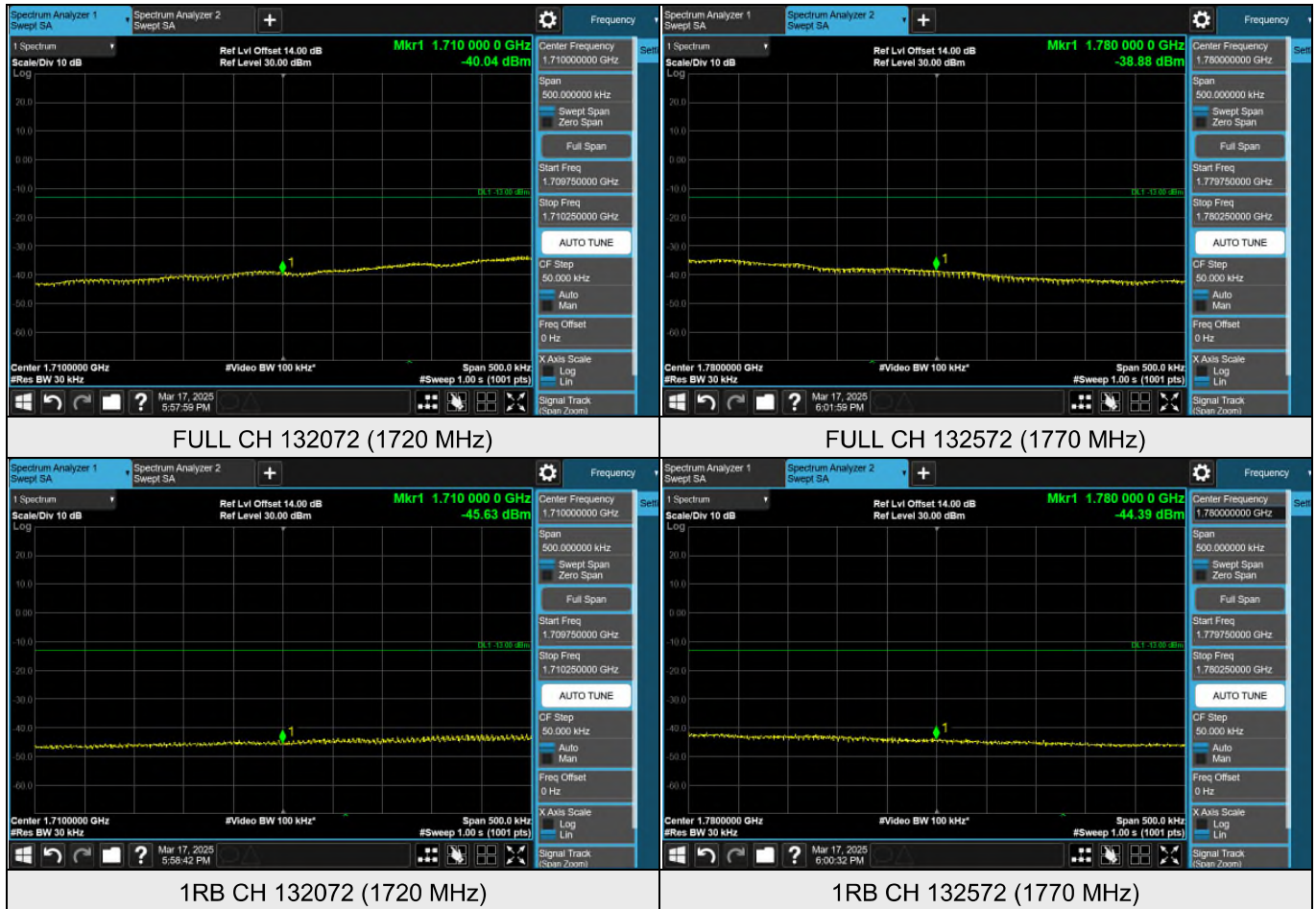


CH 132572 (1770 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

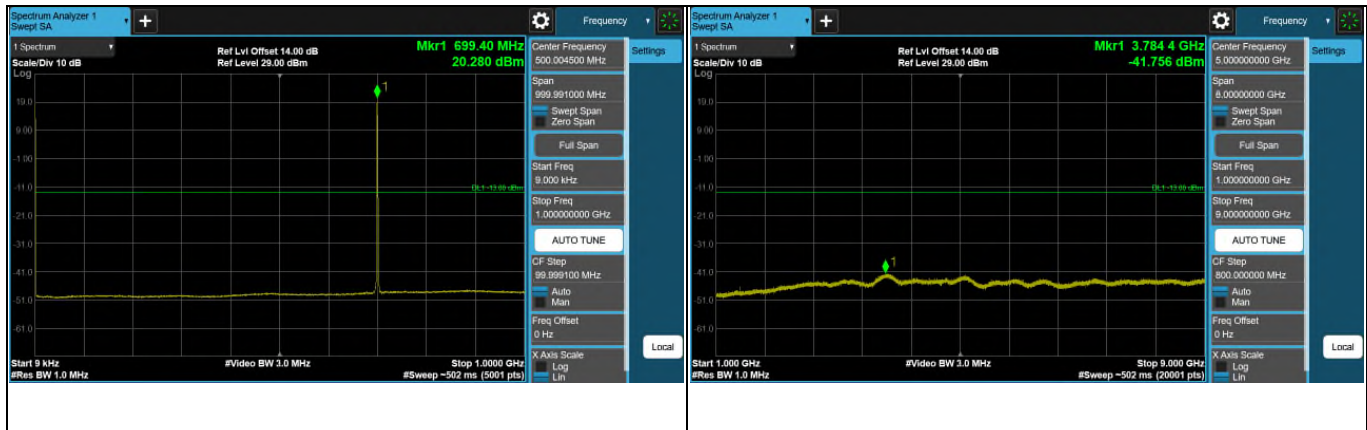


BUREAU
VERITAS

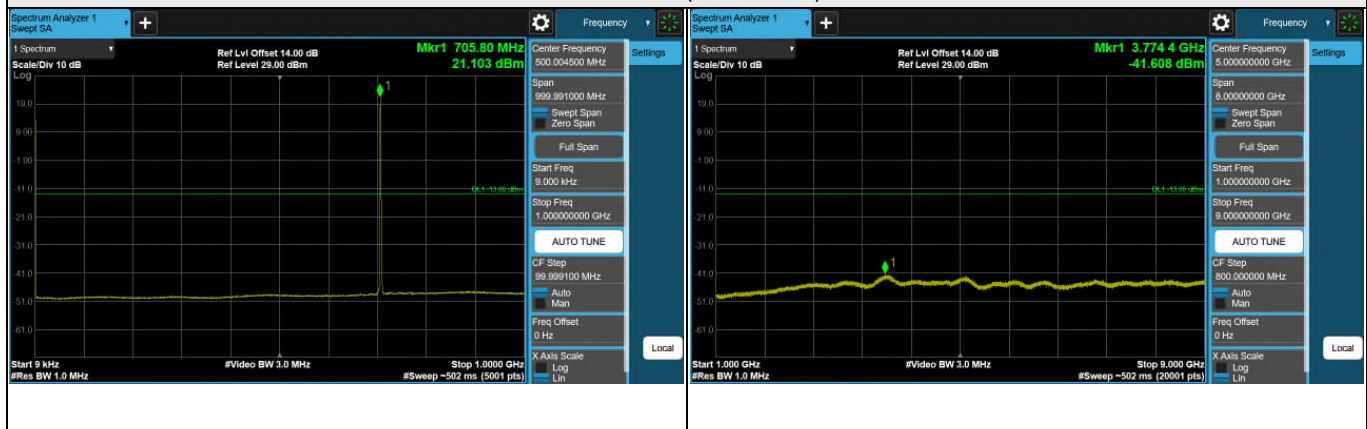


7.5.12 Cat-M1 Band 85

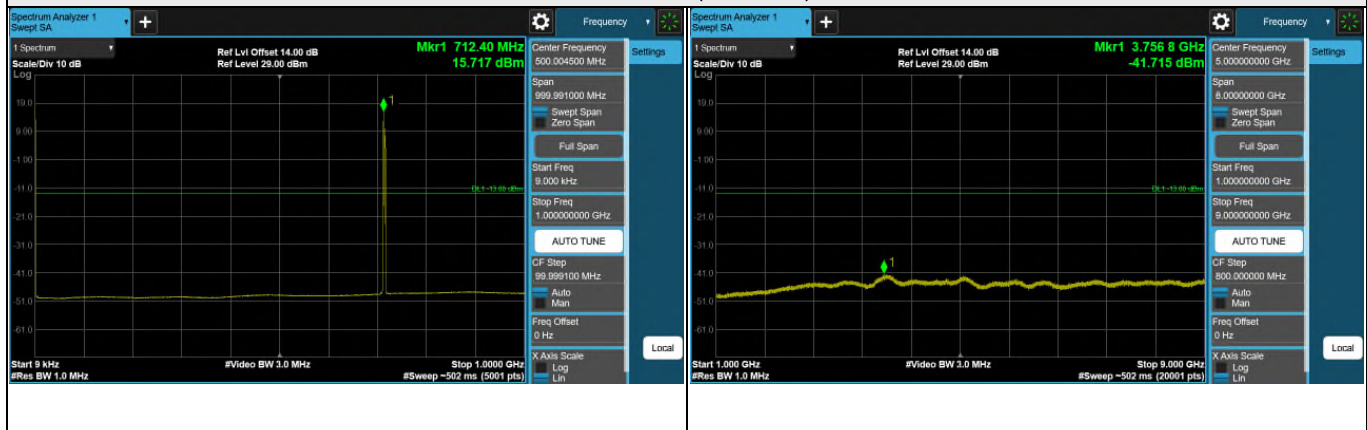
Cat-M1 Band 85, Channel Bandwidth: 5 MHz



CH 134027 (700.5 MHz)

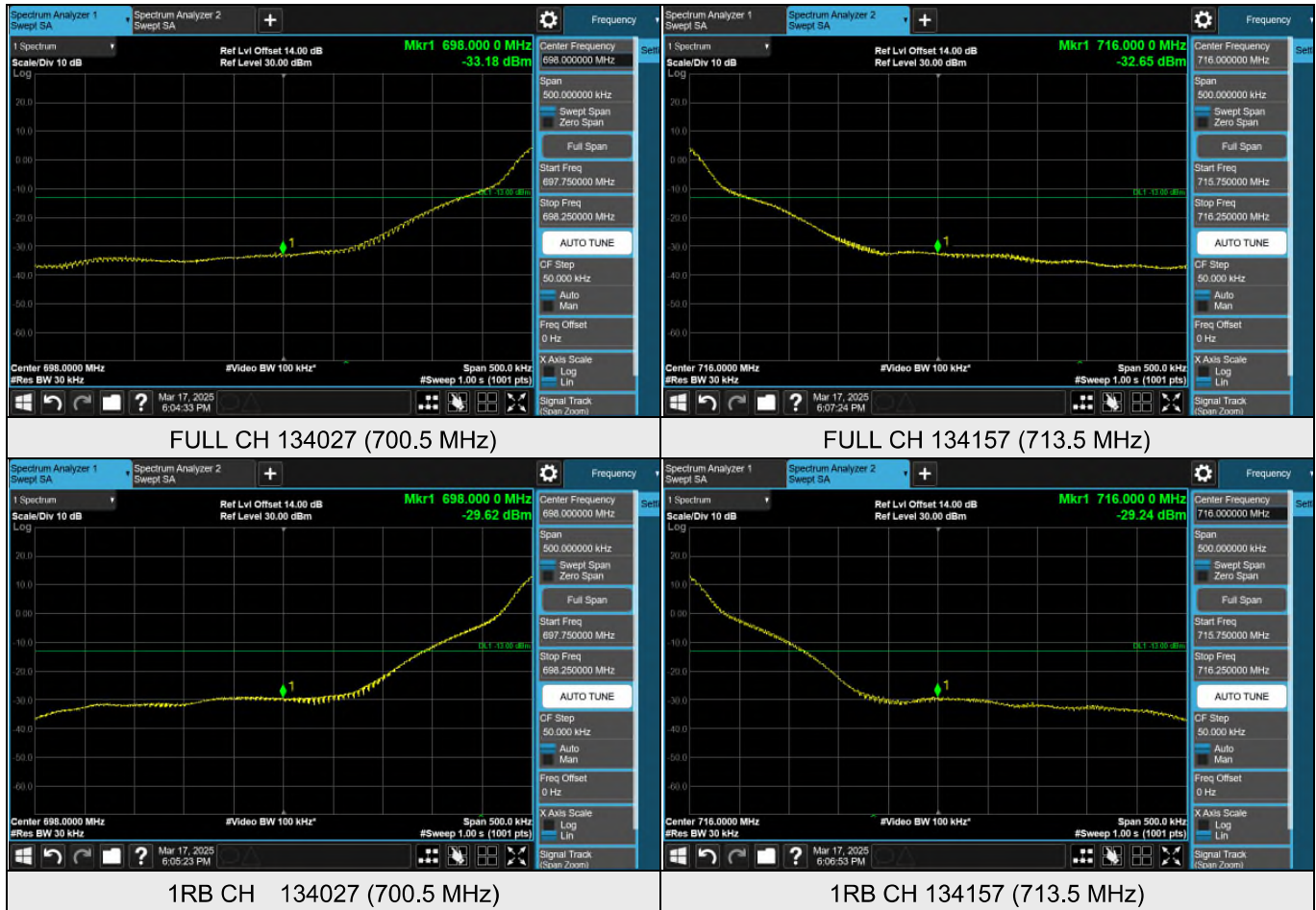


CH 134092 (707 MHz)

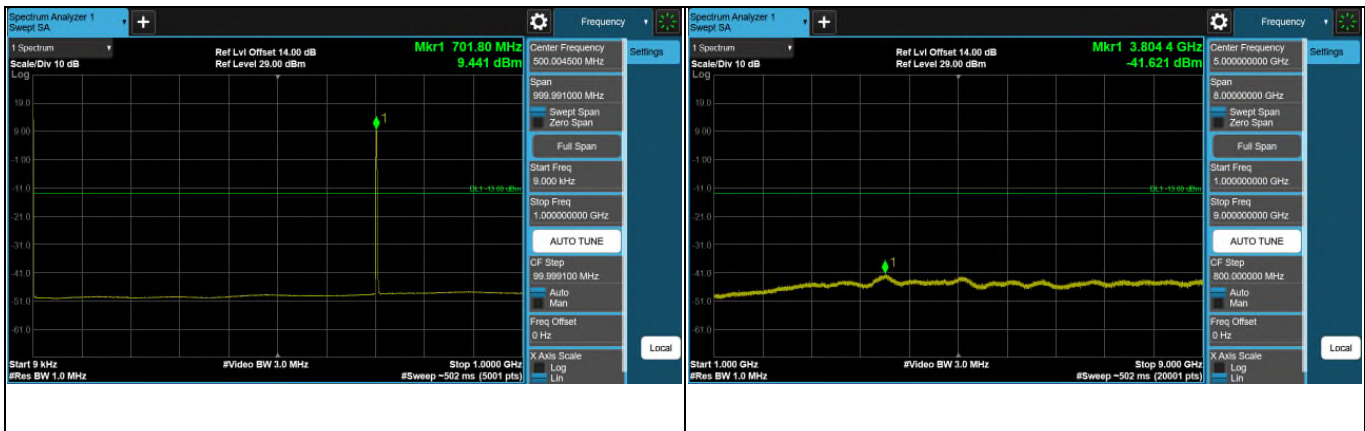


CH 134157 (713.5 MHz)

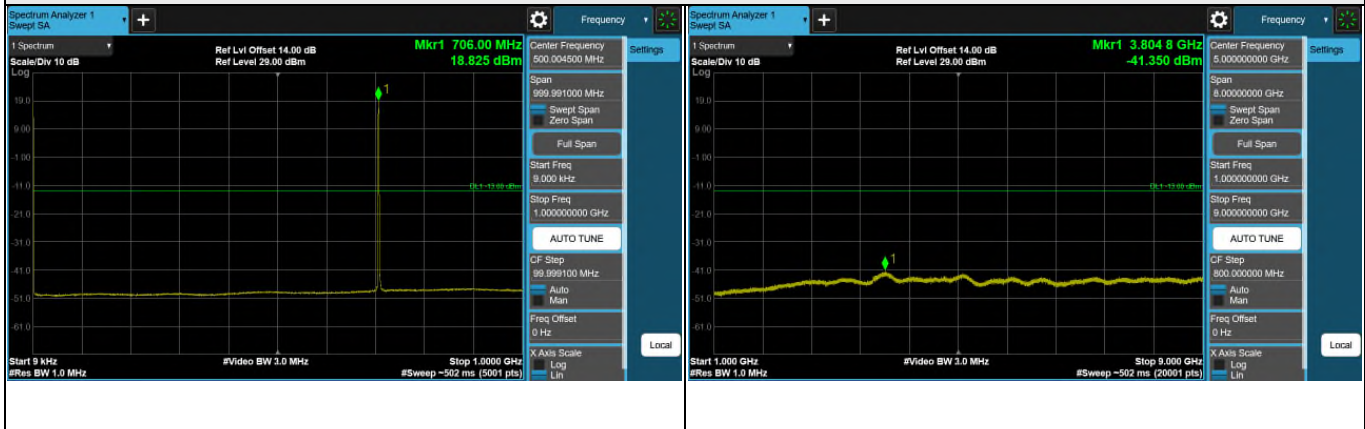
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



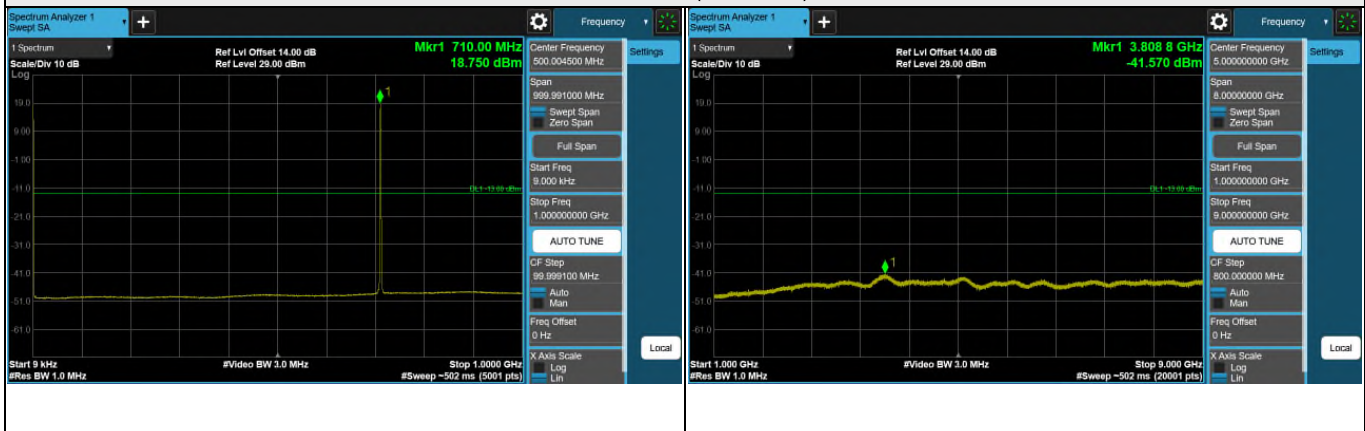
Cat-M1 Band 85, Channel Bandwidth: 10 MHz



CH 134052 (703 MHz)

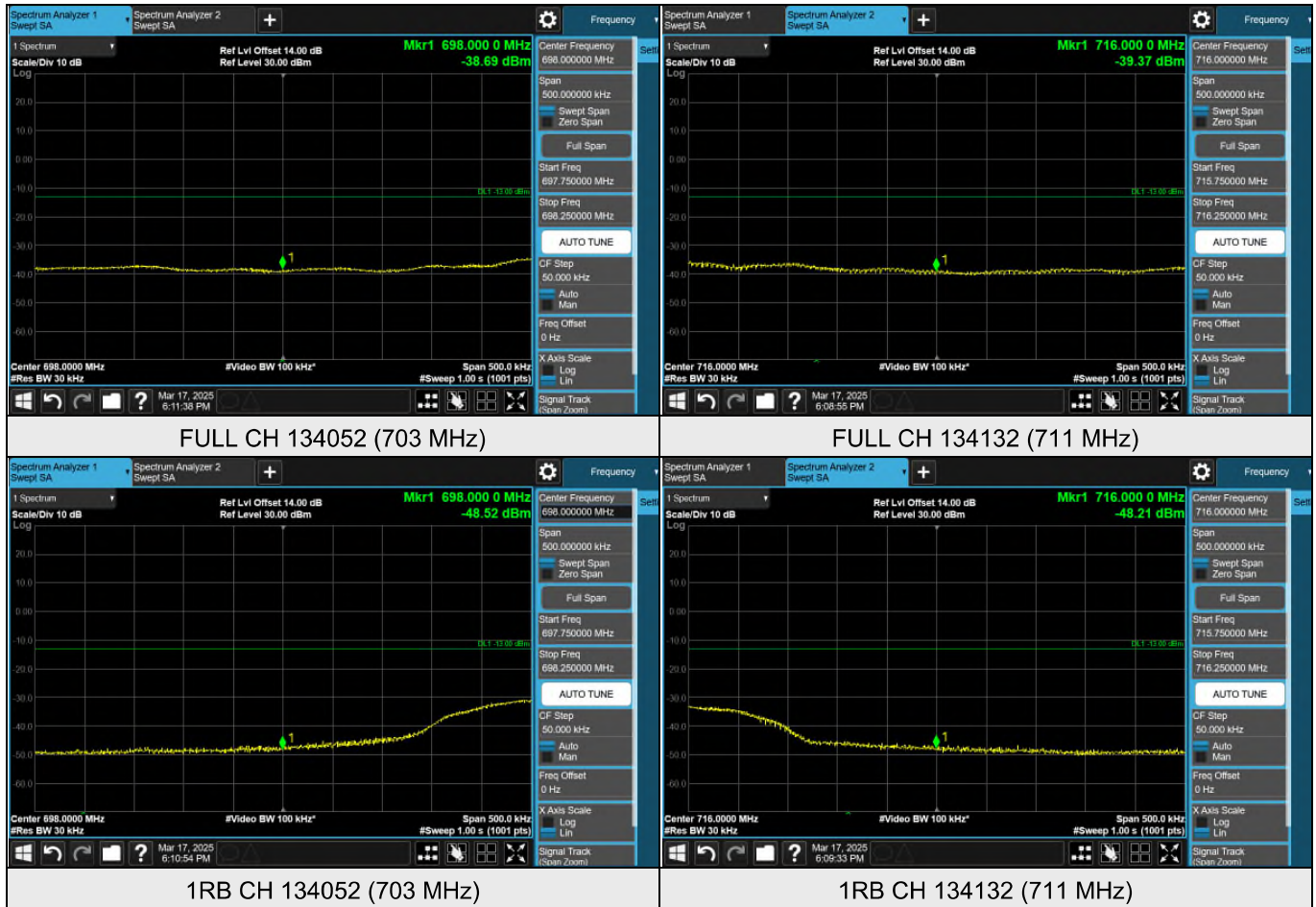


CH 134092 (707 MHz)



CH 134132 (711 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



7.6 Radiated Spurious Emissions below 1GHz

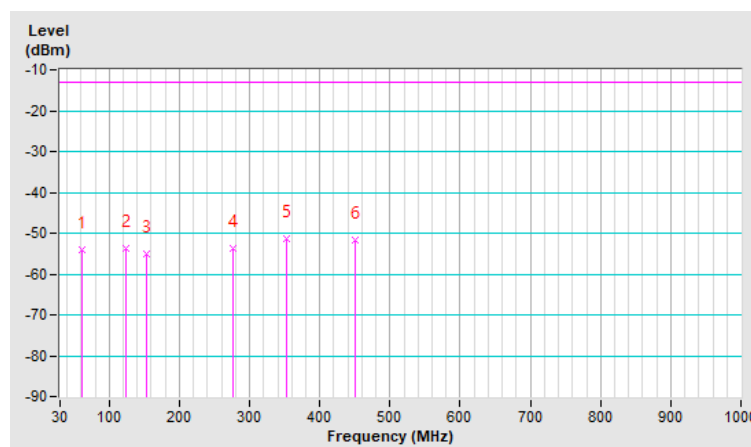
7.6.1 Cat-M1 Band 2

RF Mode	Cat-M1 Band 2 Channel Bandwidth: 20MHz	Channel	CH 19100 : 1900 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	62.01	-54.13	-13.00	-41.13	1.82 H	226	55.33	-109.46
2	123.12	-53.56	-13.00	-40.56	2.51 H	151	56.43	-109.99
3	154.16	-55.12	-13.00	-42.12	1.93 H	34	52.60	-107.72
4	276.38	-53.83	-13.00	-40.83	1.69 H	241	54.22	-108.05
5	352.04	-51.35	-13.00	-38.35	1.70 H	262	54.78	-106.13
6	450.98	-51.54	-13.00	-38.54	1.88 H	69	51.59	-103.13

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

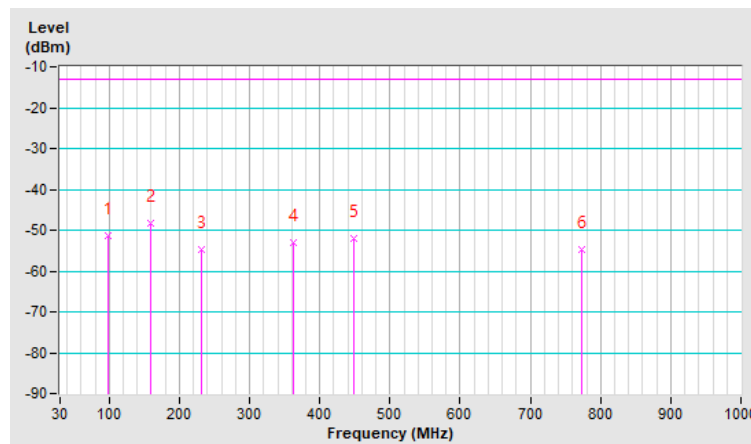


RF Mode	Cat-M1 Band 2 Channel Bandwidth: 20MHz	Channel	CH 19100 : 1900 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	98.87	-51.47	-13.00	-38.47	1.80 V	224	61.30	-112.77
2	159.01	-48.15	-13.00	-35.15	1.96 V	304	59.66	-107.81
3	230.79	-54.61	-13.00	-41.61	1.22 V	157	55.73	-110.34
4	362.71	-53.17	-13.00	-40.17	1.95 V	27	52.64	-105.81
5	449.04	-52.10	-13.00	-39.10	1.77 V	151	51.07	-103.17
6	773.02	-54.73	-13.00	-41.73	2.08 V	263	42.20	-96.93

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



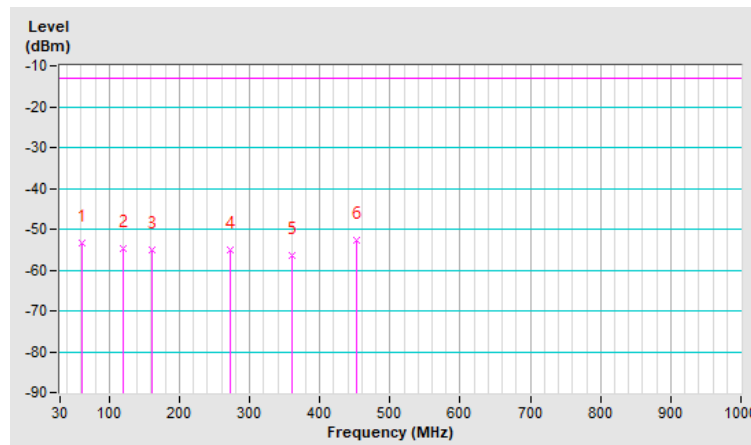
7.6.2 Cat-M1 Band 4

RF Mode	Cat-M1 Band 4 Channel Bandwidth: 1.4MHz	Channel	CH 20393 : 1754.3 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	62.01	-53.55	-13.00	-40.55	1.40 H	323	55.91	-109.46
2	120.21	-54.78	-13.00	-41.78	1.49 H	182	55.44	-110.22
3	161.92	-55.07	-13.00	-42.07	2.03 H	310	52.83	-107.90
4	272.50	-55.21	-13.00	-42.21	1.69 H	64	53.08	-108.29
5	360.77	-56.43	-13.00	-43.43	2.04 H	171	49.44	-105.87
6	451.95	-52.59	-13.00	-39.59	2.69 H	29	50.52	-103.11

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

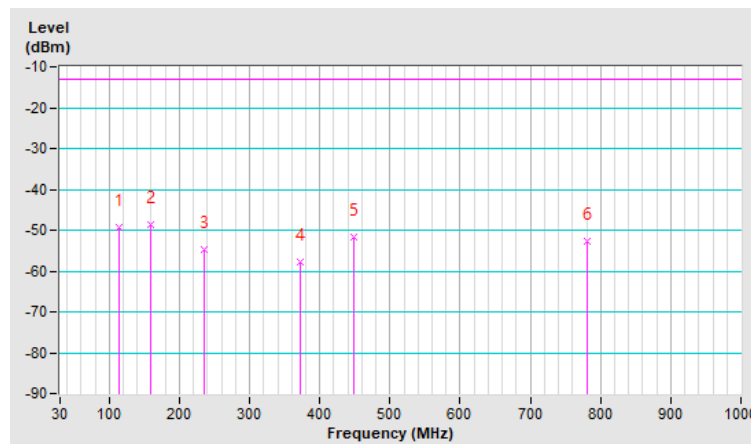


RF Mode	Cat-M1 Band 4 Channel Bandwidth: 1.4MHz	Channel	CH 20393 : 1754.3 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	113.42	-49.40	-13.00	-36.40	2.31 V	108	61.43	-110.83
2	159.01	-48.81	-13.00	-35.81	1.70 V	296	59.00	-107.81
3	234.67	-54.66	-13.00	-41.66	1.54 V	252	55.24	-109.90
4	371.44	-57.94	-13.00	-44.94	1.64 V	330	47.60	-105.54
5	449.04	-51.57	-13.00	-38.57	1.89 V	92	51.60	-103.17
6	781.75	-52.58	-13.00	-39.58	2.14 V	125	44.17	-96.75

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



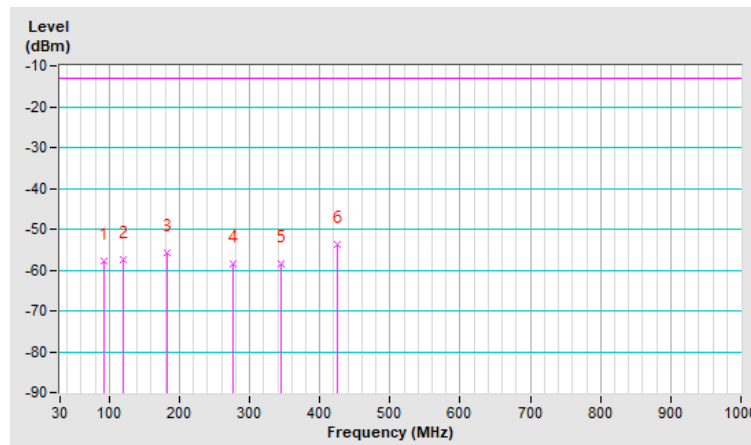
7.6.3 Cat-M1 Band 5

RF Mode	Cat-M1 Band 5 Channel Bandwidth: 10MHz	Channel	CH 20525 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	93.05	-57.82	-13.00	-44.82	2.30 H	256	58.09	-115.91
2	120.21	-57.55	-13.00	-44.55	1.85 H	151	54.82	-112.37
3	182.29	-55.70	-13.00	-42.70	2.04 H	196	56.40	-112.10
4	277.35	-58.54	-13.00	-45.54	1.73 H	230	51.63	-110.17
5	345.25	-58.31	-13.00	-45.31	1.87 H	158	50.11	-108.42
6	425.76	-53.82	-13.00	-40.82	2.14 H	112	52.37	-106.19

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

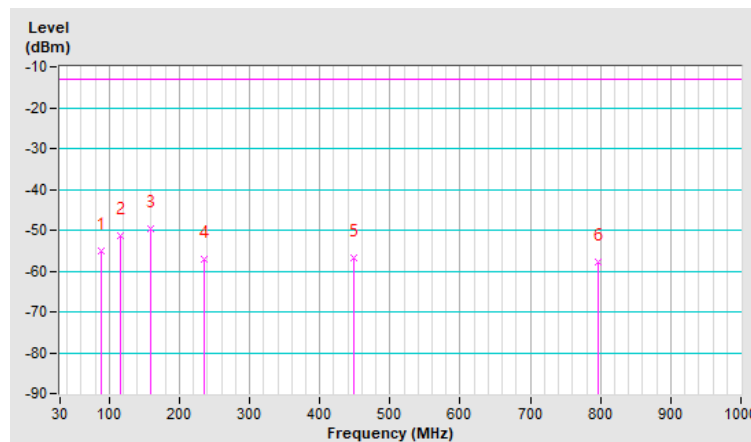


RF Mode	Cat-M1 Band 5 Channel Bandwidth: 10MHz	Channel	CH 20525 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.17	-55.25	-13.00	-42.25	1.53 V	223	61.03	-116.28
2	116.33	-51.52	-13.00	-38.52	1.96 V	20	61.22	-112.74
3	159.98	-49.71	-13.00	-36.71	1.74 V	158	60.26	-109.97
4	234.67	-57.12	-13.00	-44.12	1.94 V	171	54.93	-112.05
5	449.04	-56.82	-13.00	-43.82	2.09 V	95	48.50	-105.32
6	796.30	-57.86	-13.00	-44.86	2.27 V	164	41.01	-98.87

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



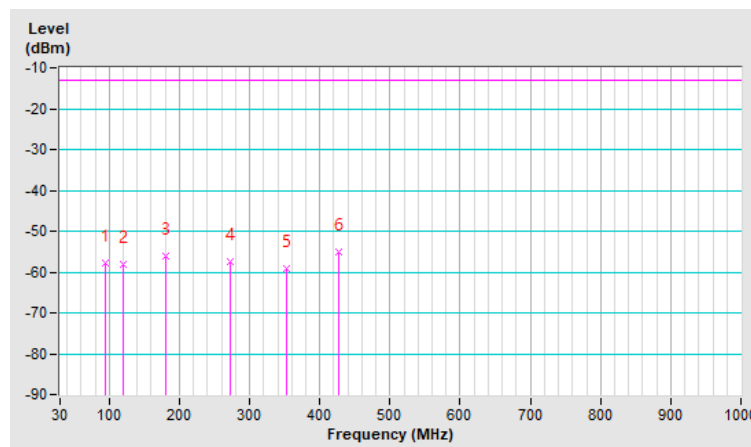
7.6.4 Cat-M1 Band 8

RF Mode	Cat-M1 Band 8 Channel Bandwidth: 3MHz	Channel	CH 21640 : 899 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.02	-57.83	-13.00	-44.83	2.35 H	259	57.99	-115.82
2	119.24	-58.04	-13.00	-45.04	1.74 H	152	54.44	-112.48
3	180.35	-55.96	-13.00	-42.96	2.01 H	110	55.86	-111.82
4	271.53	-57.43	-13.00	-44.43	1.86 H	209	53.07	-110.50
5	352.04	-59.04	-13.00	-46.04	1.87 H	190	49.24	-108.28
6	426.73	-54.97	-13.00	-41.97	1.45 H	203	51.17	-106.14

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

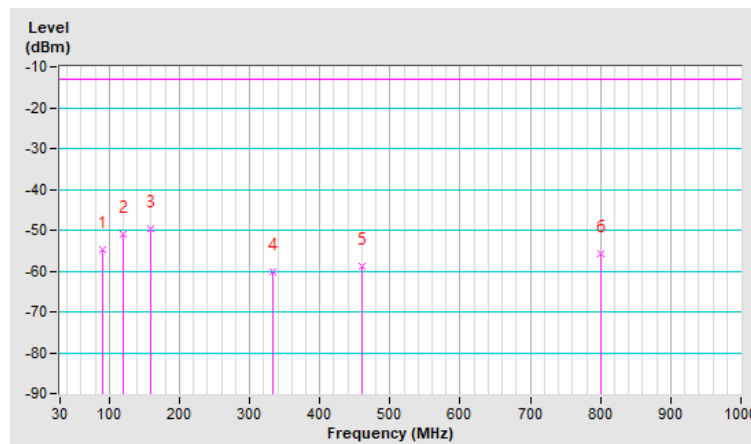


RF Mode	Cat-M1 Band 8 Channel Bandwidth: 3MHz	Channel	CH 21640 : 899 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	90.14	-54.81	-13.00	-41.81	2.09 V	263	61.45	-116.26
2	120.21	-51.18	-13.00	-38.18	1.74 V	115	61.19	-112.37
3	159.01	-49.62	-13.00	-36.62	1.60 V	23	60.34	-109.96
4	332.64	-60.08	-13.00	-47.08	2.54 V	108	48.39	-108.47
5	460.68	-58.67	-13.00	-45.67	1.85 V	194	46.44	-105.11
6	800.18	-55.91	-13.00	-42.91	2.08 V	236	42.97	-98.88

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



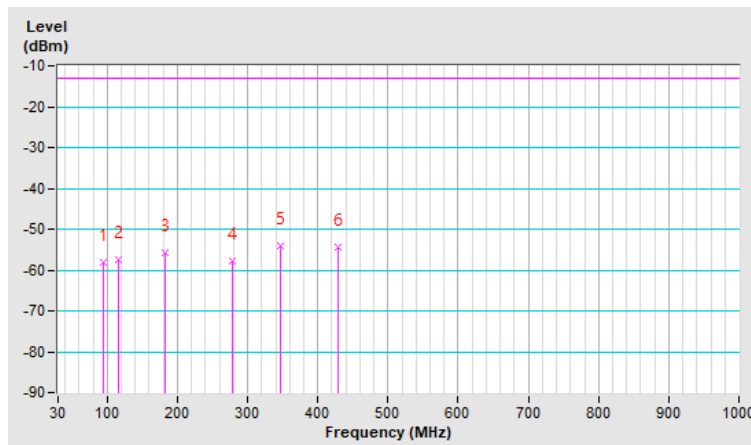
7.6.5 Cat-M1 Band 12

RF Mode	Cat-M1 Band 12 Channel Bandwidth: 10MHz	Channel	CH 23095 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.02	-58.18	-13.00	-45.18	1.31 H	214	57.64	-115.82
2	116.33	-57.37	-13.00	-44.37	1.96 H	201	55.37	-112.74
3	182.29	-55.71	-13.00	-42.71	1.88 H	341	56.39	-112.10
4	278.32	-57.83	-13.00	-44.83	2.52 H	296	52.30	-110.13
5	347.19	-53.90	-13.00	-40.90	1.42 H	304	54.50	-108.40
6	428.67	-54.40	-13.00	-41.40	1.81 H	54	51.65	-106.05

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

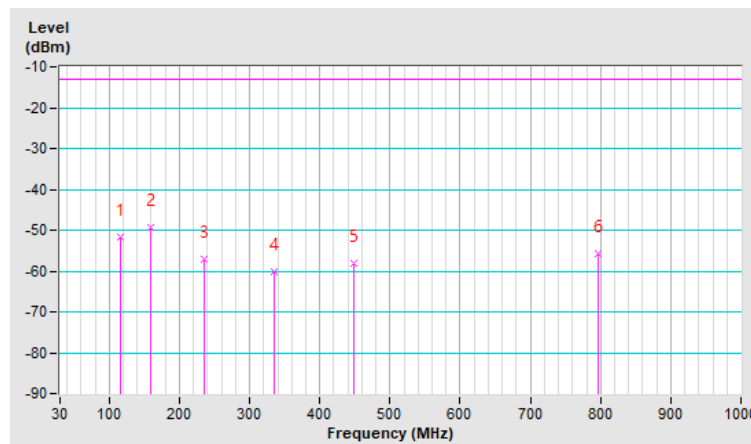


RF Mode	Cat-M1 Band 12 Channel Bandwidth: 10MHz	Channel	CH 23095 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	115.36	-51.77	-13.00	-38.77	1.35 V	116	61.05	-112.82
2	159.01	-49.27	-13.00	-36.27	1.48 V	248	60.69	-109.96
3	235.64	-57.15	-13.00	-44.15	1.70 V	163	54.82	-111.97
4	335.55	-60.07	-13.00	-47.07	1.22 V	108	48.36	-108.43
5	448.07	-58.12	-13.00	-45.12	1.96 V	206	47.24	-105.36
6	797.27	-55.67	-13.00	-42.67	1.20 V	330	43.20	-98.87

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



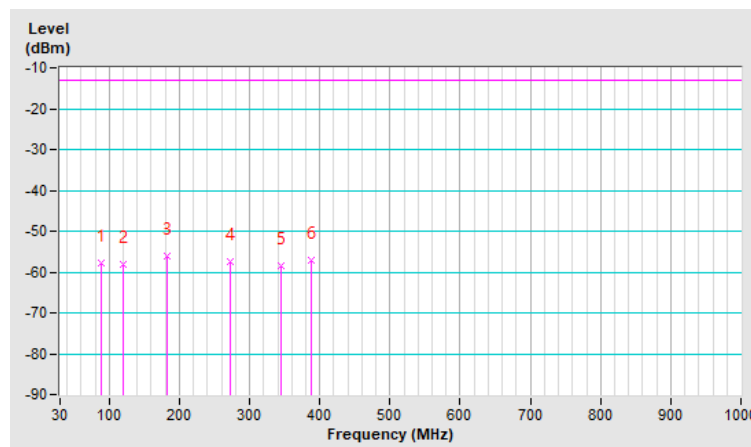
7.6.6 Cat-M1 Band 13

RF Mode	Cat-M1 Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.17	-57.93	-13.00	-44.93	1.35 H	285	58.35	-116.28
2	119.24	-58.17	-13.00	-45.17	1.72 H	152	54.31	-112.48
3	183.26	-56.11	-13.00	-43.11	1.88 H	196	56.06	-112.17
4	271.53	-57.43	-13.00	-44.43	1.72 H	259	53.07	-110.50
5	345.25	-58.49	-13.00	-45.49	1.88 H	304	49.93	-108.42
6	386.96	-57.24	-13.00	-44.24	1.25 H	121	50.07	-107.31

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



RF Mode	Cat-M1 Band 13 Channel Bandwidth: 10MHz	Channel	CH 23230 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	114.39	-51.77	-13.00	-38.77	1.15 V	146	61.11	-112.88
2	159.01	-49.72	-13.00	-36.72	1.84 V	180	60.24	-109.96
3	216.24	-56.14	-13.00	-43.14	2.21 V	148	57.54	-113.68
4	339.43	-61.51	-13.00	-48.51	1.35 V	160	46.93	-108.44
5	435.46	-57.29	-13.00	-44.29	1.77 V	151	48.48	-105.77
6	786.60	-58.42	-13.00	-45.42	2.28 V	204	40.47	-98.89

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

