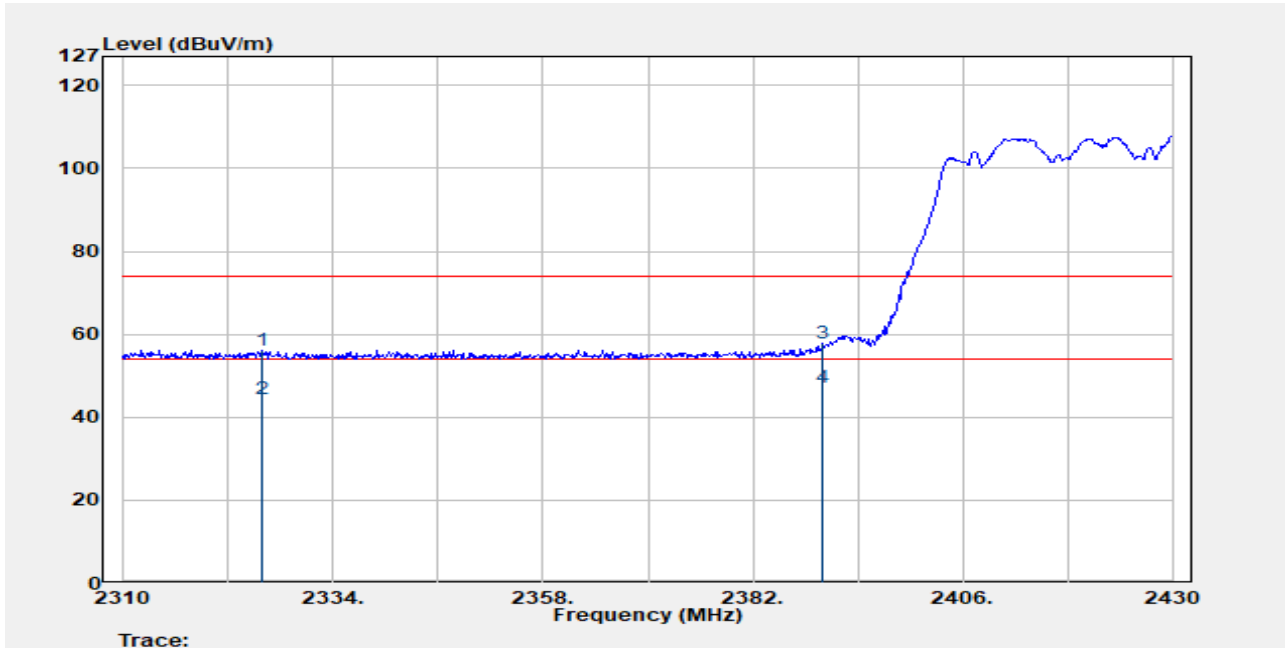


Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2325.720	Peak	60.62	-4.45	56.17	74.00	-17.83
2325.720	Average	48.93	-4.45	44.48	54.00	-9.52
2390.000	Peak	62.11	-4.25	57.85	74.00	-16.15
2390.000	Average	51.49	-4.25	47.24	54.00	-6.76

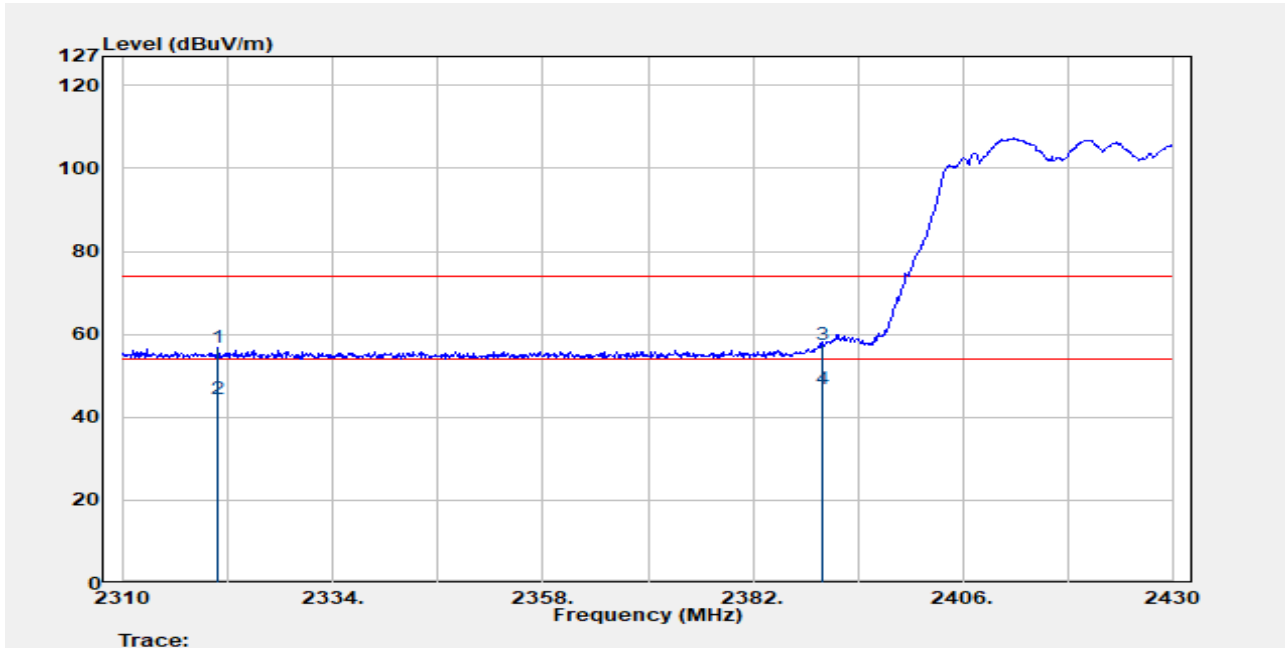
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2320.800	Peak	61.07	-4.43	56.64	74.00	-17.36
2320.800	Average	48.89	-4.43	44.46	54.00	-9.54
2390.000	Peak	61.89	-4.25	57.64	74.00	-16.36
2390.000	Average	51.18	-4.25	46.93	54.00	-7.07

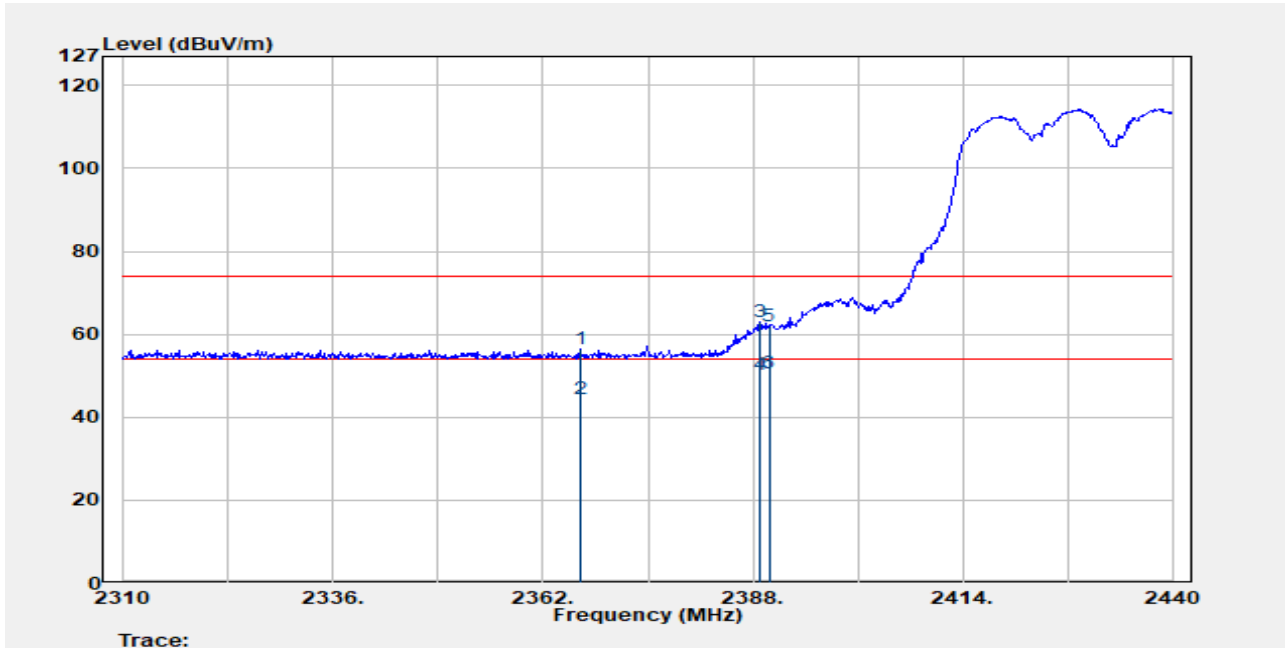
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2432 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
2366.550	Peak	60.74	-4.43	56.32	74.00	-17.68
2366.550	Average	48.89	-4.43	44.46	54.00	-9.54
2388.910	Peak	67.21	-4.26	62.95	74.00	-11.05
2388.910	Average	54.43	-4.26	50.17	54.00	-3.83
2390.000	Peak	66.31	-4.25	62.06	74.00	-11.94
2390.000	Average	54.69	-4.25	50.44	54.00	-3.56

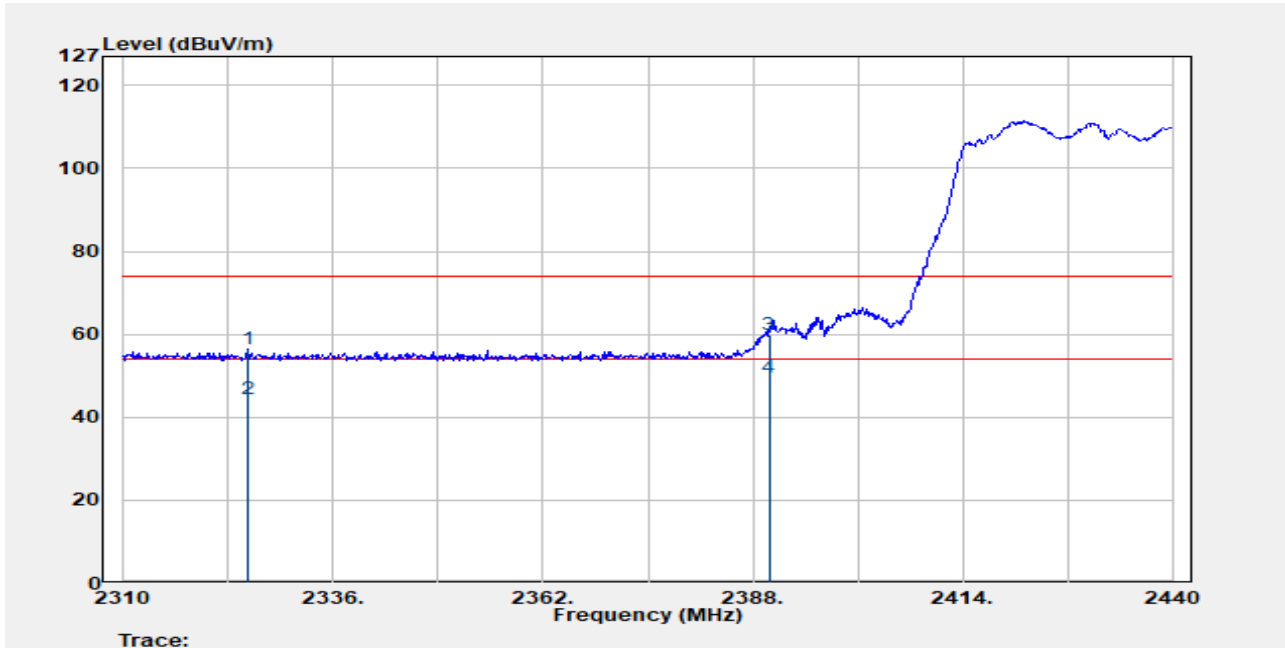
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2432 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2325.340	Peak	61.01	-4.45	56.57	74.00	-17.43
2325.340	Average	48.89	-4.45	44.44	54.00	-9.56
2390.000	Peak	64.17	-4.25	59.91	74.00	-14.09
2390.000	Average	53.75	-4.25	49.50	54.00	-4.50

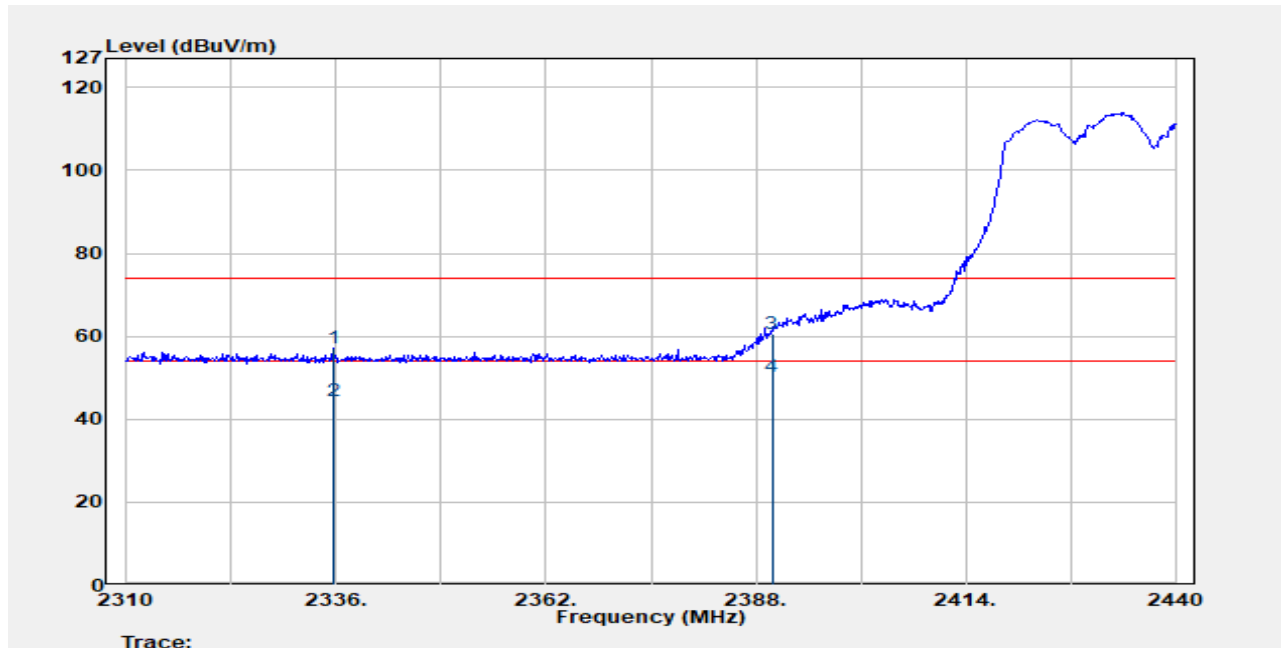
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2335.610	Peak	61.46	-4.49	56.97	74.00	-17.03
2335.610	Average	48.97	-4.49	44.48	54.00	-9.52
2390.000	Peak	64.94	-4.25	60.69	74.00	-13.31
2390.000	Average	54.56	-4.25	50.30	54.00	-3.70

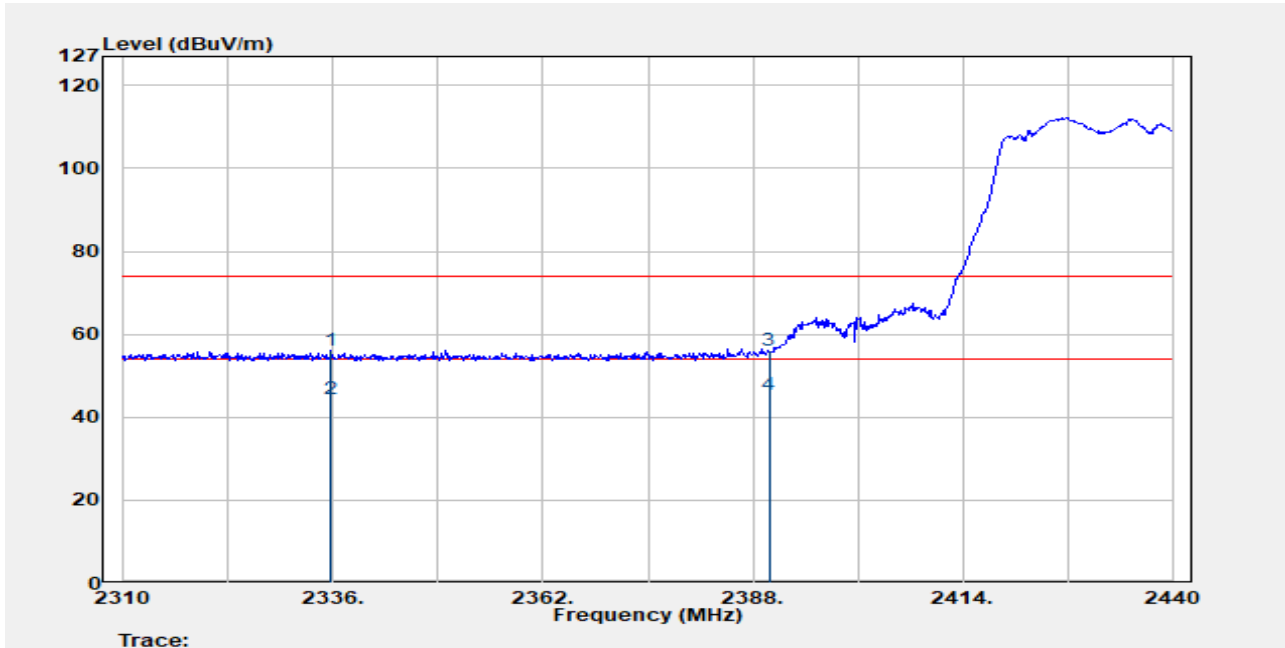
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2335.740	Peak	60.43	-4.49	55.94	74.00	-18.06
2335.740	Average	48.91	-4.49	44.42	54.00	-9.58
2390.000	Peak	60.37	-4.25	56.12	74.00	-17.88
2390.000	Average	49.76	-4.25	45.51	54.00	-8.49

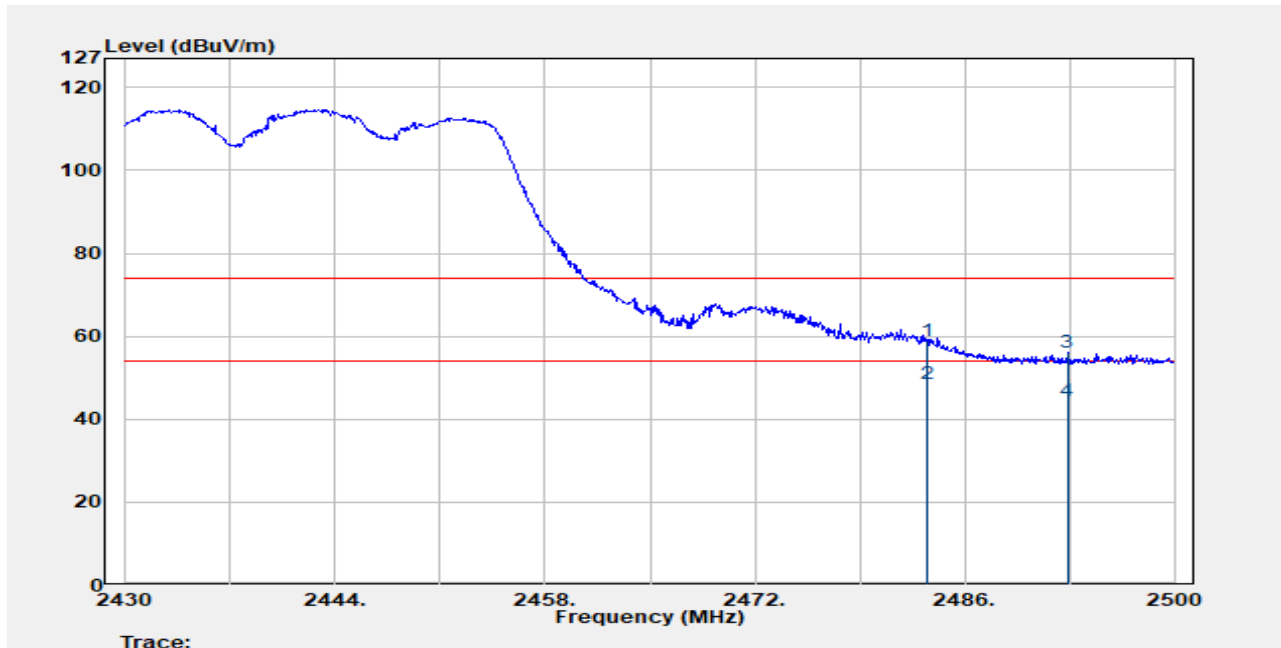
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



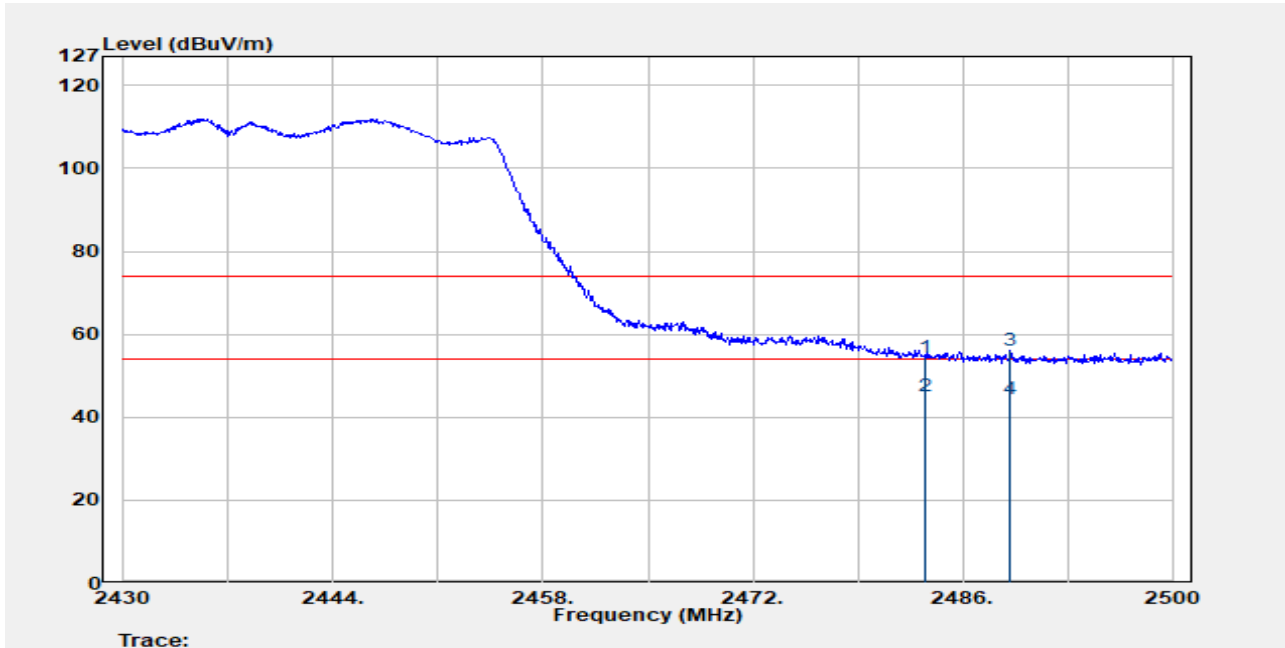
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	63.41	-4.64	58.76	74.00	-15.24
2483.500	Average	53.07	-4.64	48.43	54.00	-5.57
2492.860	Peak	60.60	-4.61	55.99	74.00	-18.01
2492.860	Average	48.89	-4.61	44.28	54.00	-9.72

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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	59.01	-4.64	54.37	74.00	-19.63
2483.500	Average	49.84	-4.64	45.20	54.00	-8.80
2489.220	Peak	60.56	-4.62	55.93	74.00	-18.07
2489.220	Average	49.11	-4.62	44.49	54.00	-9.51

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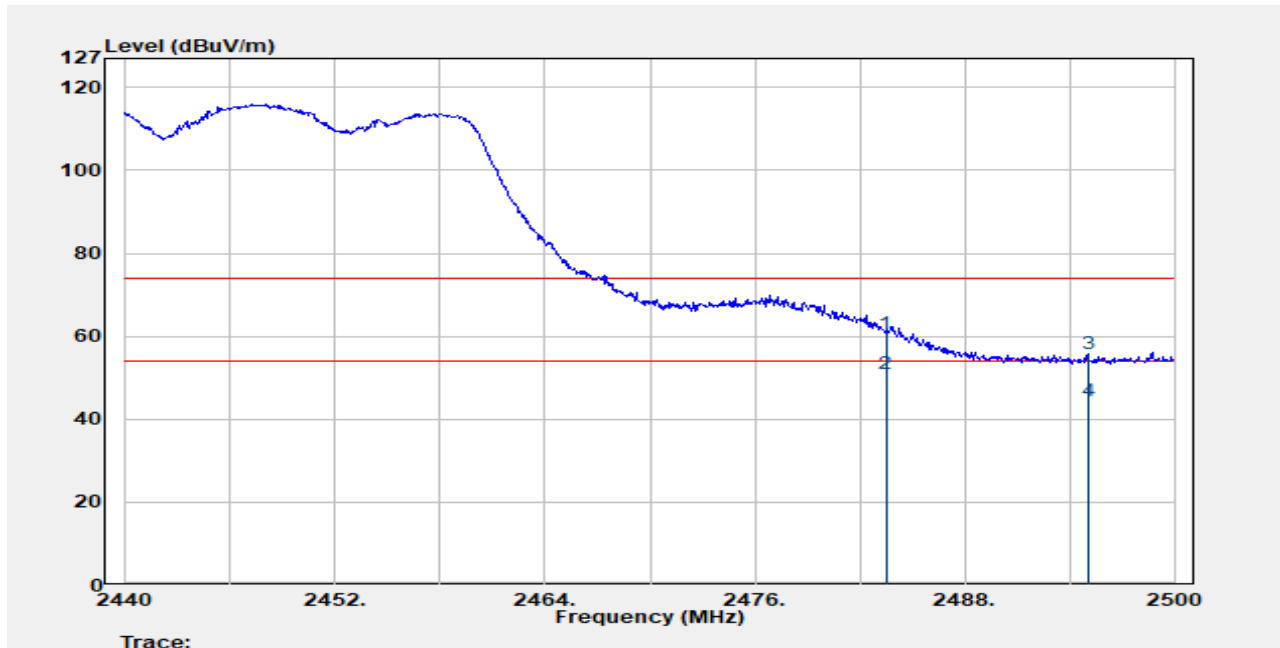
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2442 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Peak	65.10	-4.64	60.46	74.00	-13.54
2483.500	Average	55.41	-4.64	50.77	54.00	-3.23
2495.080	Peak	60.30	-4.61	55.70	74.00	-18.30
2495.080	Average	49.06	-4.61	44.45	54.00	-9.55

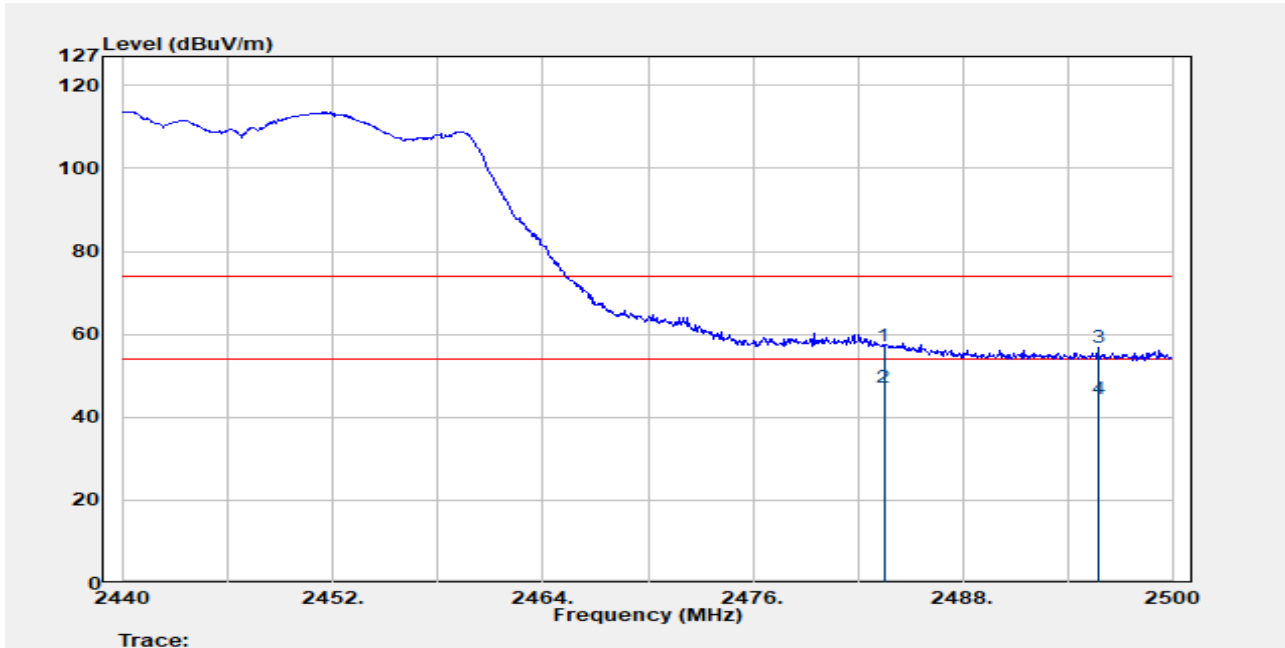
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2442 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	61.94	-4.64	57.30	74.00	-16.70
2483.500	Average	51.68	-4.64	47.04	54.00	-6.96
2495.740	Peak	61.27	-4.60	56.67	74.00	-17.33
2495.740	Average	49.07	-4.60	44.47	54.00	-9.53

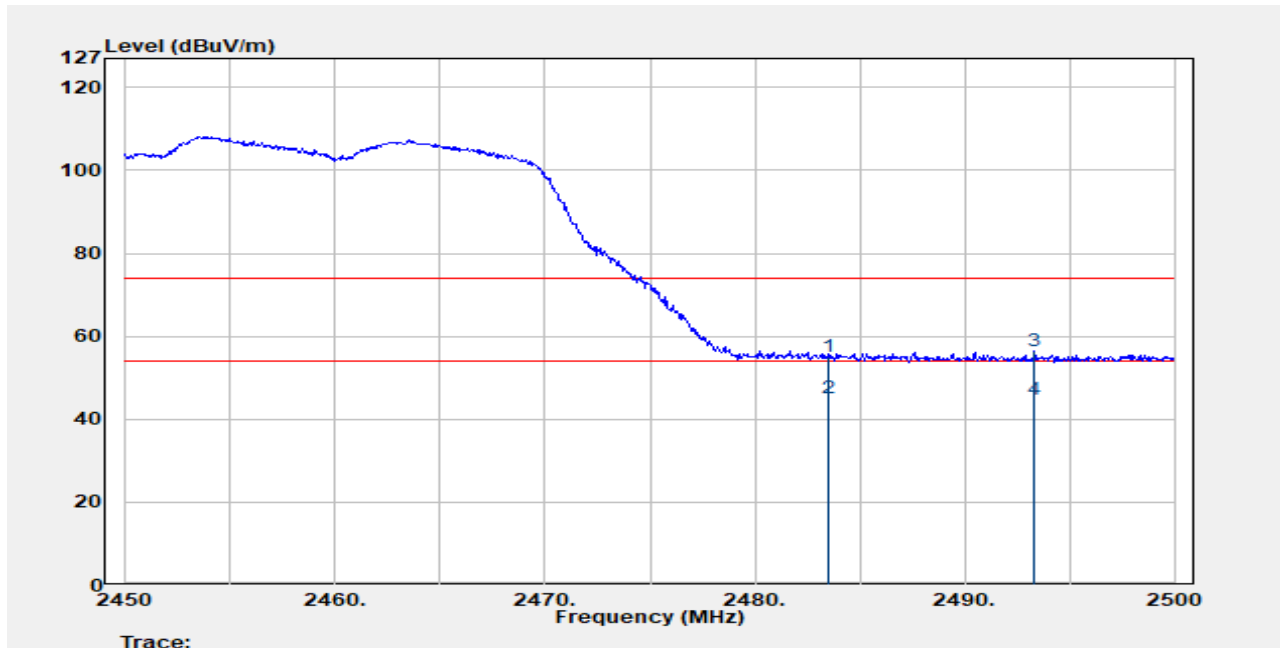
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	59.86	-4.64	55.22	74.00	-18.78
2483.500	Average	49.66	-4.64	45.02	54.00	-8.98
2493.350	Peak	61.20	-4.61	56.59	74.00	-17.41
2493.350	Average	49.28	-4.61	44.67	54.00	-9.33

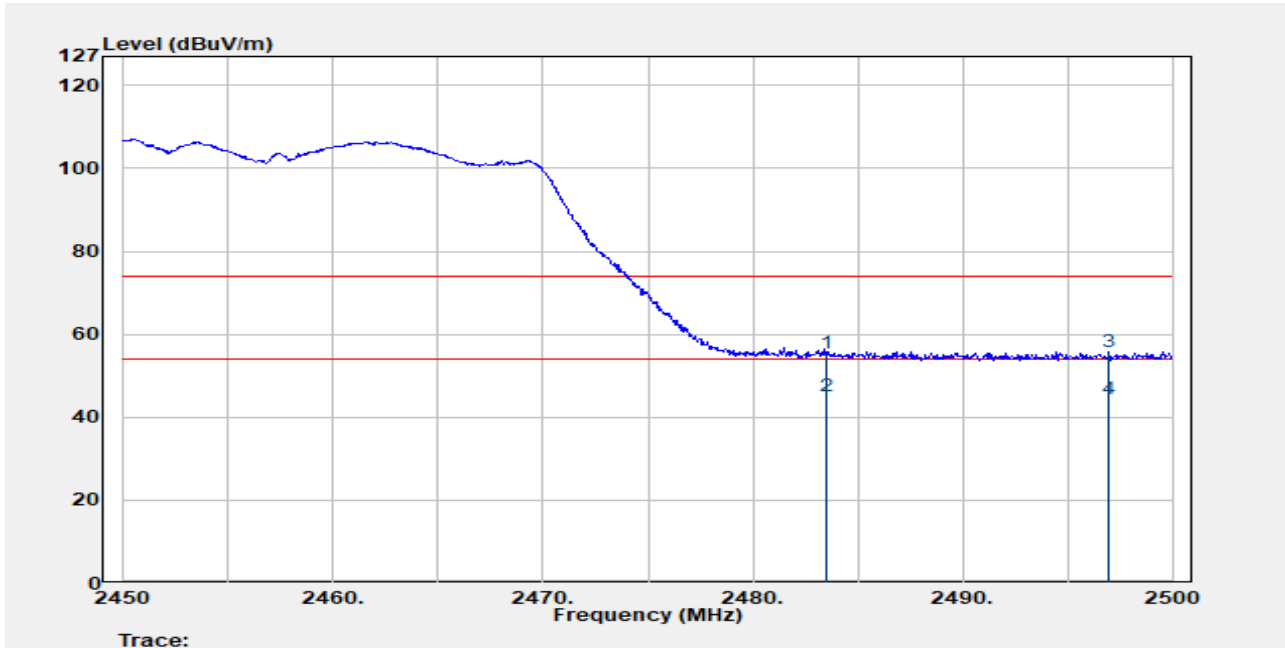
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	59.94	-4.64	55.30	74.00	-18.70
2483.500	Average	49.65	-4.64	45.01	54.00	-8.99
2497.000	Peak	60.36	-4.60	55.76	74.00	-18.24
2497.000	Average	49.09	-4.60	44.49	54.00	-9.51

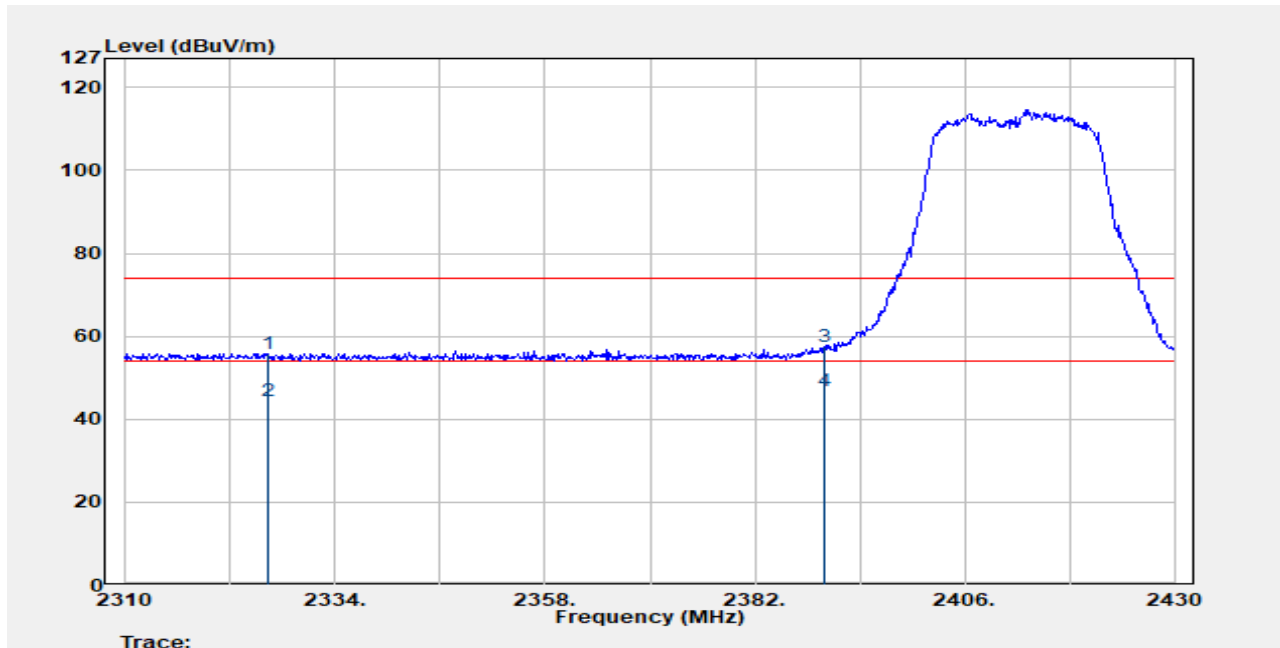
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



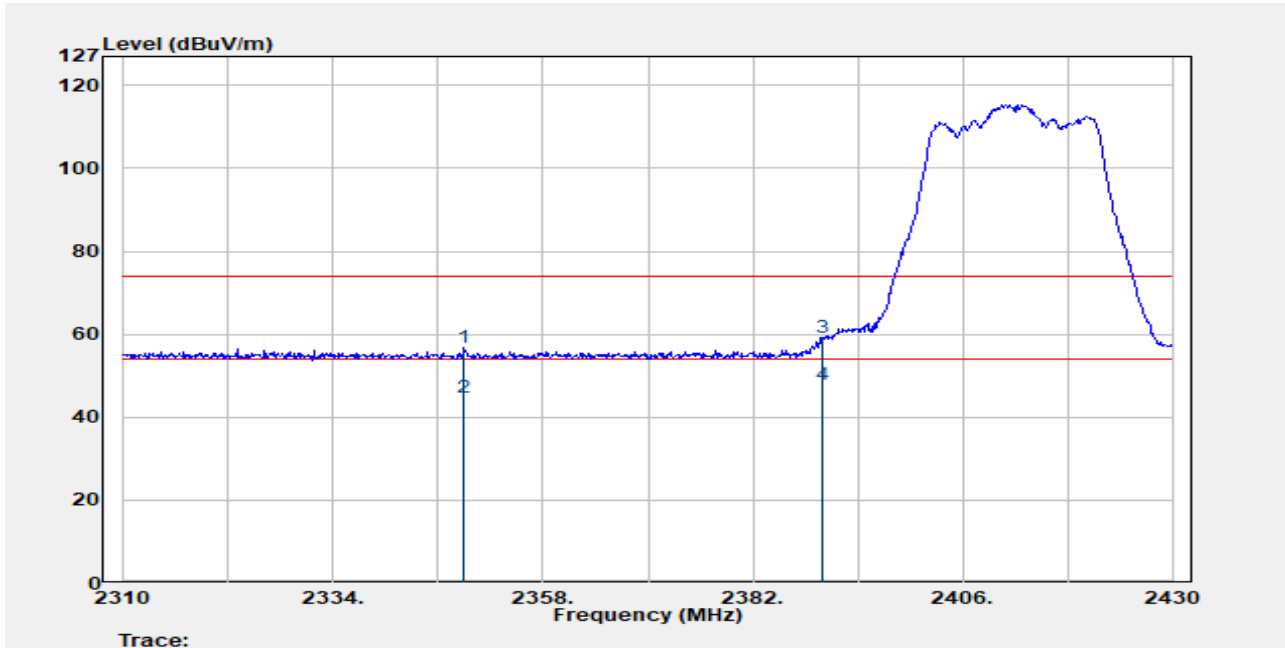
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2326.320	Peak	60.36	-4.45	55.91	74.00	-18.09
2326.320	Average	48.98	-4.45	44.53	54.00	-9.47
2390.000	Peak	61.65	-4.25	57.40	74.00	-16.60
2390.000	Average	51.08	-4.25	46.83	54.00	-7.17

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2349.000	Peak	61.32	-4.55	56.78	74.00	-17.22
2349.000	Average	49.13	-4.55	44.58	54.00	-9.42
2390.000	Peak	63.51	-4.25	59.25	74.00	-14.75
2390.000	Average	51.96	-4.25	47.71	54.00	-6.29

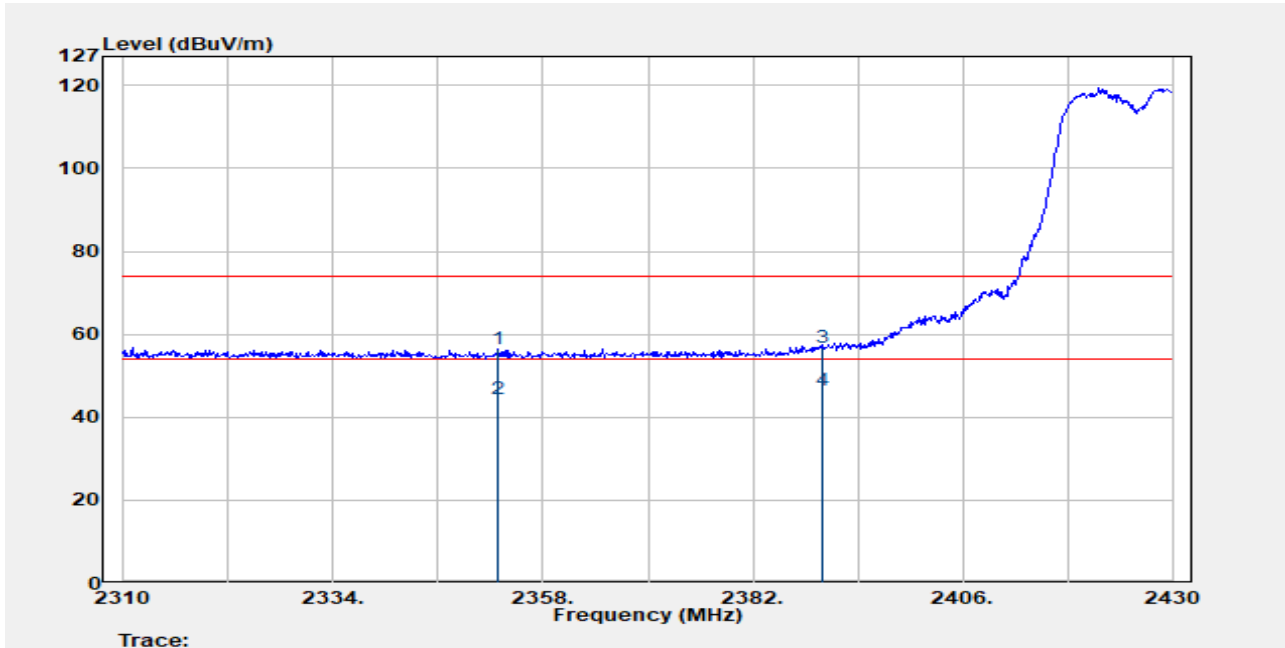
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2352.840	Peak	60.91	-4.53	56.38	74.00	-17.62
2352.840	Average	49.08	-4.53	44.55	54.00	-9.45
2390.000	Peak	61.18	-4.25	56.92	74.00	-17.08
2390.000	Average	50.58	-4.25	46.33	54.00	-7.67

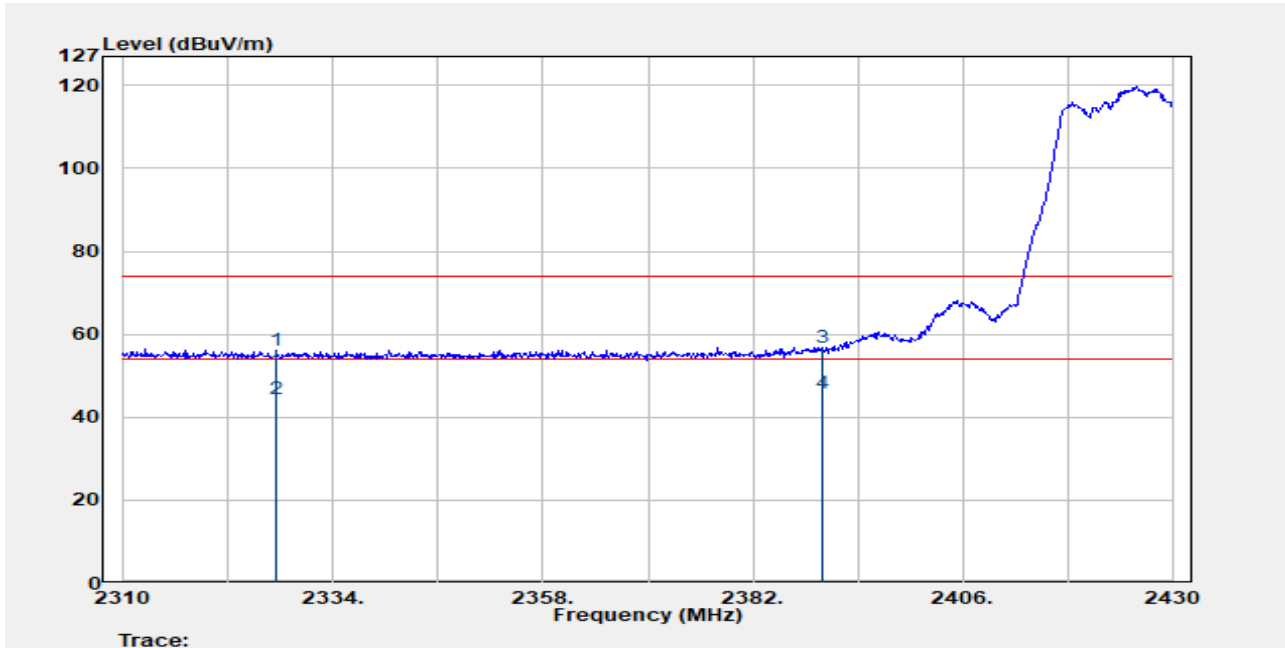
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2327.520	Peak	60.66	-4.46	56.20	74.00	-17.80
2327.520	Average	48.96	-4.46	44.50	54.00	-9.50
2390.000	Peak	60.96	-4.25	56.71	74.00	-17.29
2390.000	Average	50.18	-4.25	45.93	54.00	-8.07

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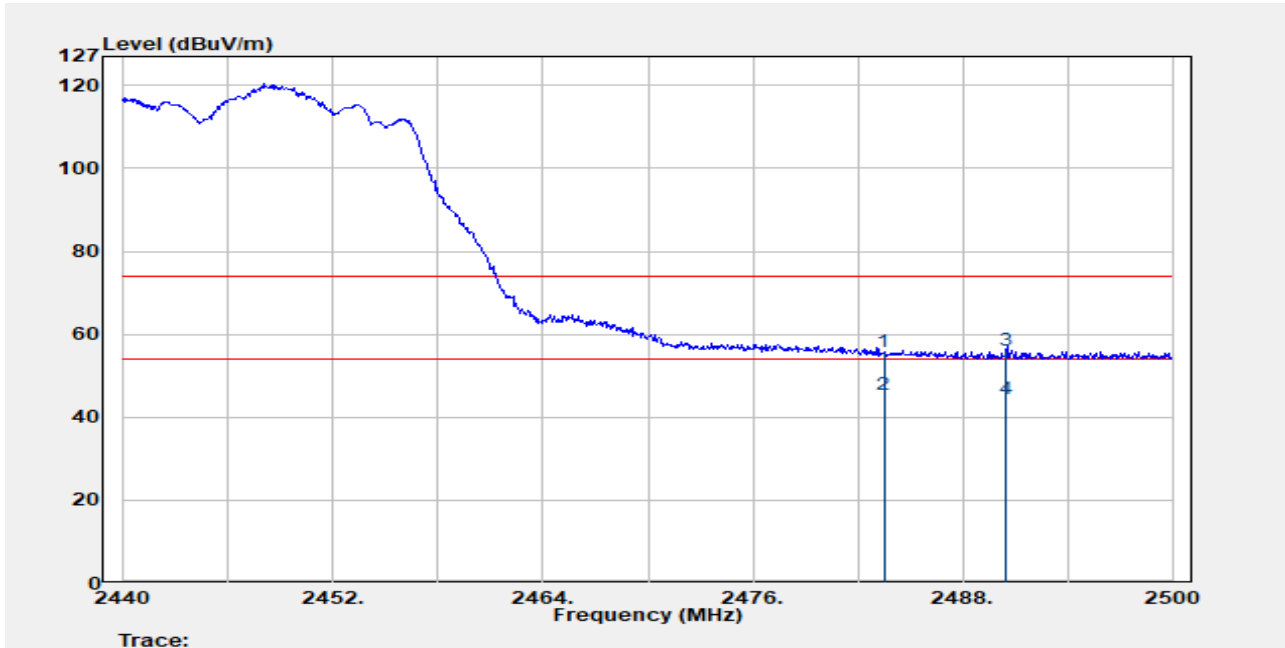
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.41	-4.64	55.77	74.00	-18.23
2483.500	Average	49.98	-4.64	45.34	54.00	-8.66
2490.520	Peak	60.87	-4.62	56.25	74.00	-17.75
2490.520	Average	48.93	-4.62	44.31	54.00	-9.69

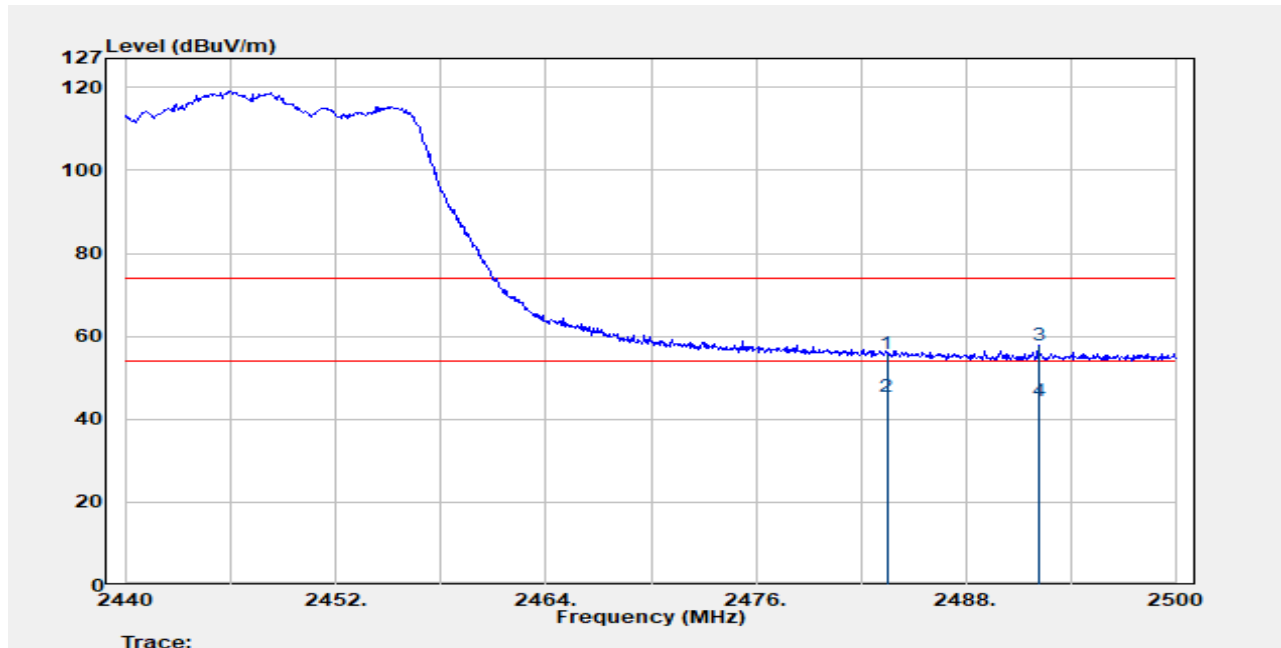
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



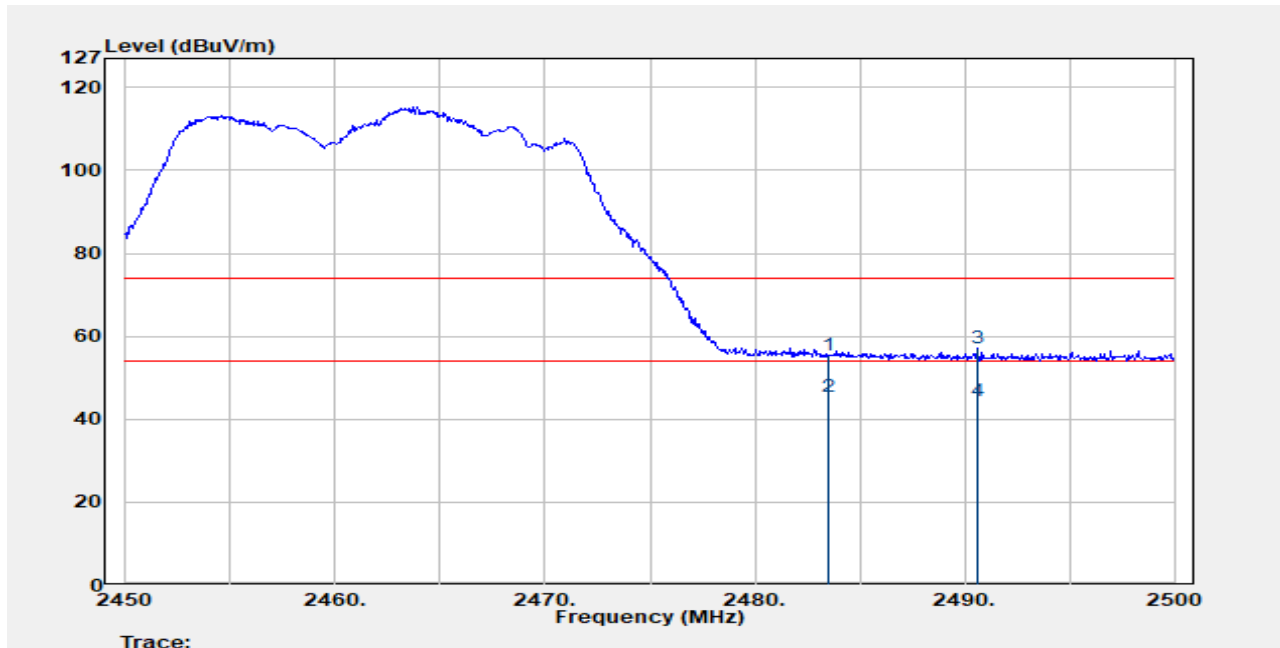
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.42	-4.64	55.77	74.00	-18.23
2483.500	Average	50.18	-4.64	45.54	54.00	-8.46
2492.200	Peak	62.60	-4.61	57.99	74.00	-16.01
2492.200	Average	48.93	-4.61	44.32	54.00	-9.68

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



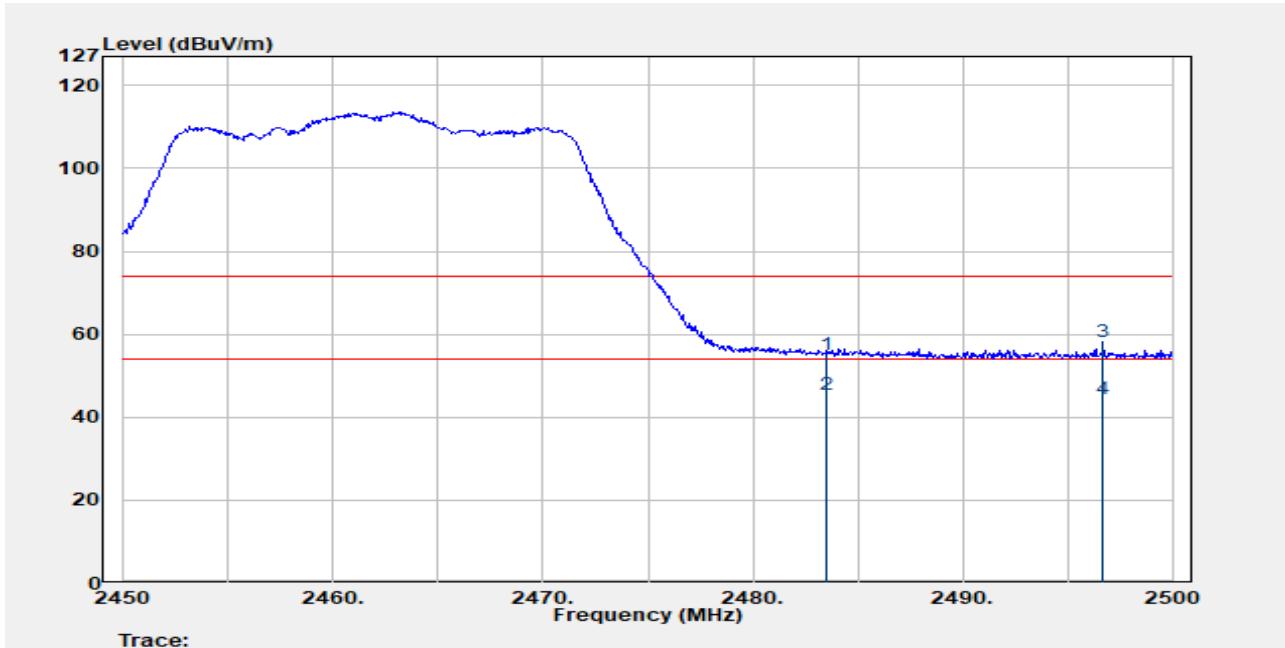
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.03	-4.64	55.39	74.00	-18.61
2483.500	Average	49.98	-4.64	45.34	54.00	-8.66
2490.600	Peak	61.76	-4.62	57.14	74.00	-16.86
2490.600	Average	49.07	-4.62	44.45	54.00	-9.55

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Report Number :TERF2303000752ER  
Operation Mode :802.11ax20 RU full  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-10  
Temp./Humi. :23.2/46  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



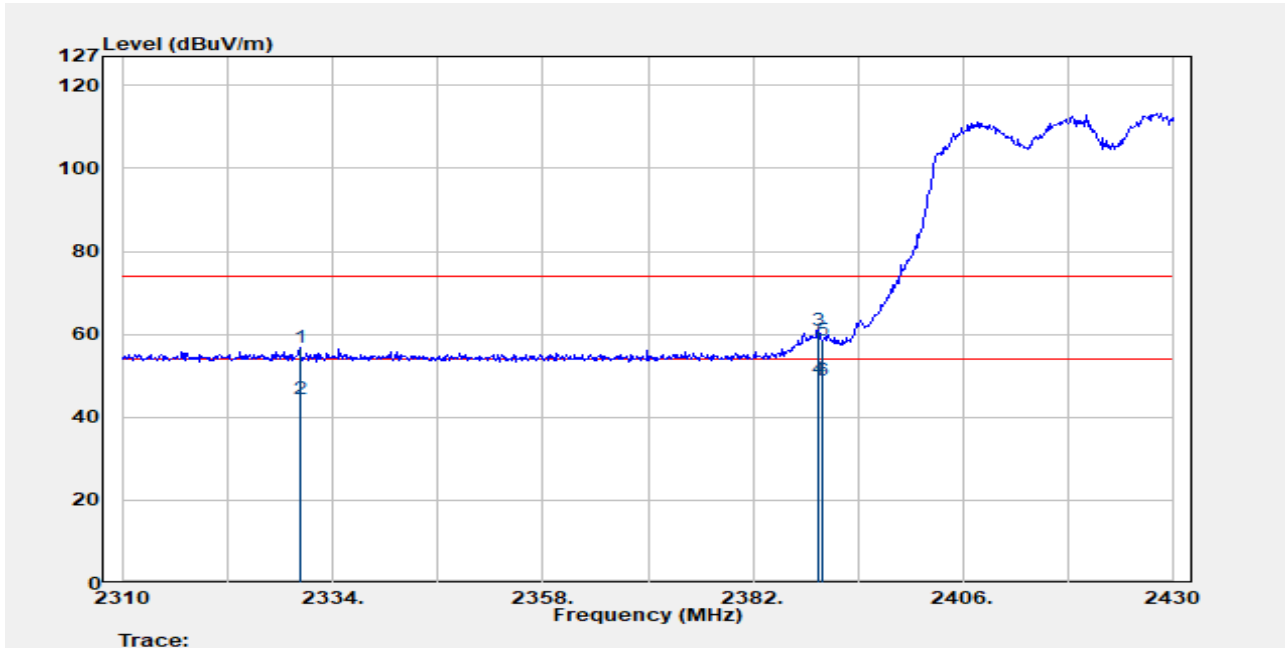
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	59.73	-4.64	55.09	74.00	-18.91
2483.500	Average	49.92	-4.64	45.28	54.00	-8.72
2496.700	Peak	62.62	-4.60	58.02	74.00	-15.98
2496.700	Average	49.03	-4.60	44.43	54.00	-9.57

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2330.150	Peak	61.12	-4.47	56.65	74.00	-17.35
2330.150	Average	48.81	-4.47	44.34	54.00	-9.66
2389.430	Peak	65.35	-4.26	61.09	74.00	-12.91
2389.430	Average	53.55	-4.26	49.29	54.00	-4.71
2390.000	Peak	62.82	-4.25	58.56	74.00	-15.44
2390.000	Average	53.27	-4.25	49.02	54.00	-4.98

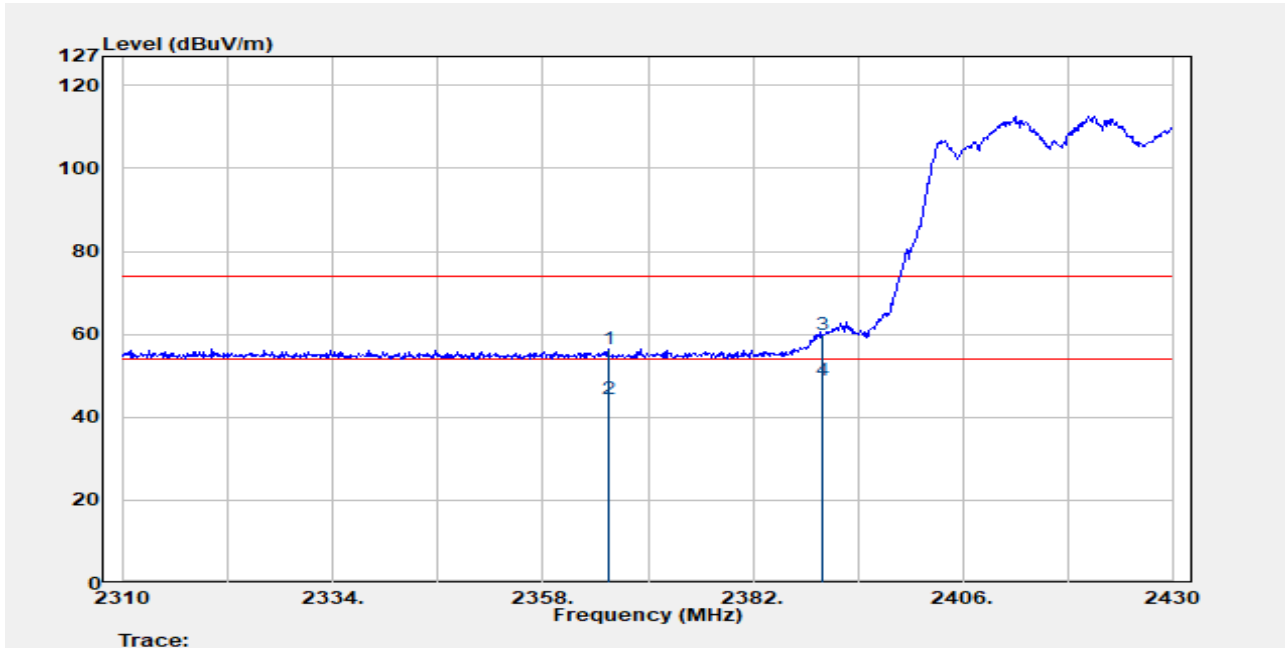
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



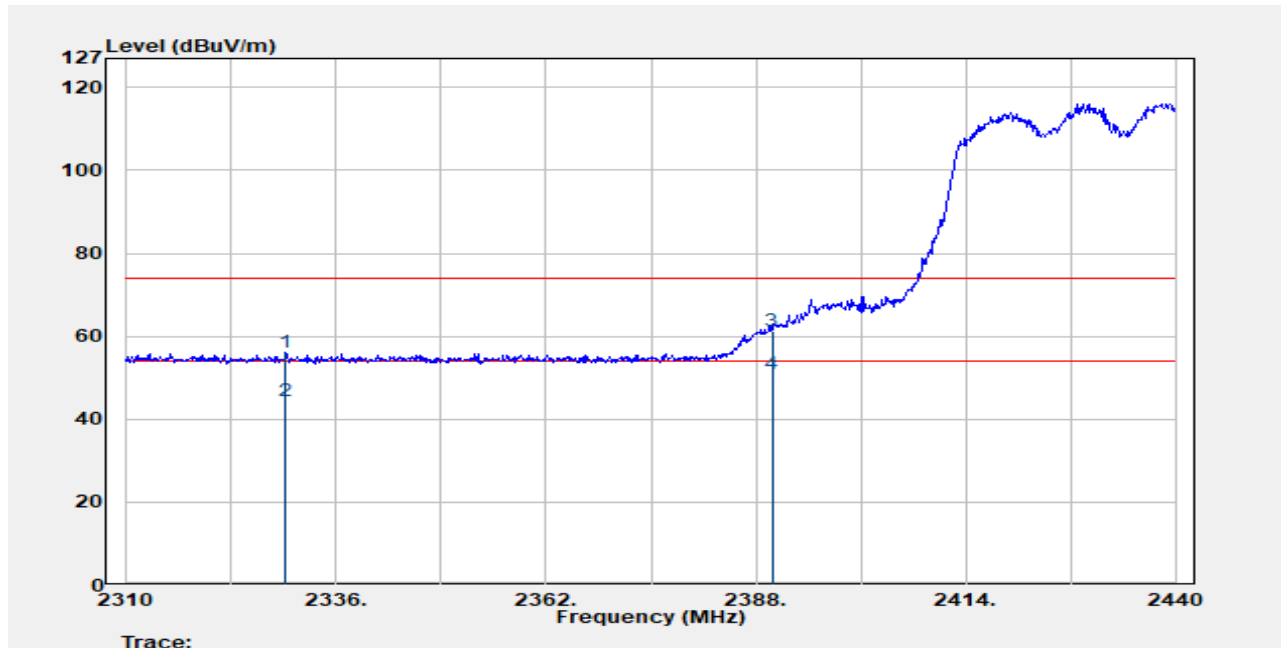
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2365.440	Peak	60.97	-4.43	56.54	74.00	-17.46
2365.440	Average	48.79	-4.43	44.36	54.00	-9.64
2390.000	Peak	64.31	-4.25	60.05	74.00	-13.95
2390.000	Average	53.05	-4.25	48.80	54.00	-5.20

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2432 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2329.760	Peak	60.44	-4.47	55.97	74.00	-18.03
2329.760	Average	48.81	-4.47	44.34	54.00	-9.66
2390.000	Peak	65.66	-4.25	61.40	74.00	-12.60
2390.000	Average	55.04	-4.25	50.79	54.00	-3.21

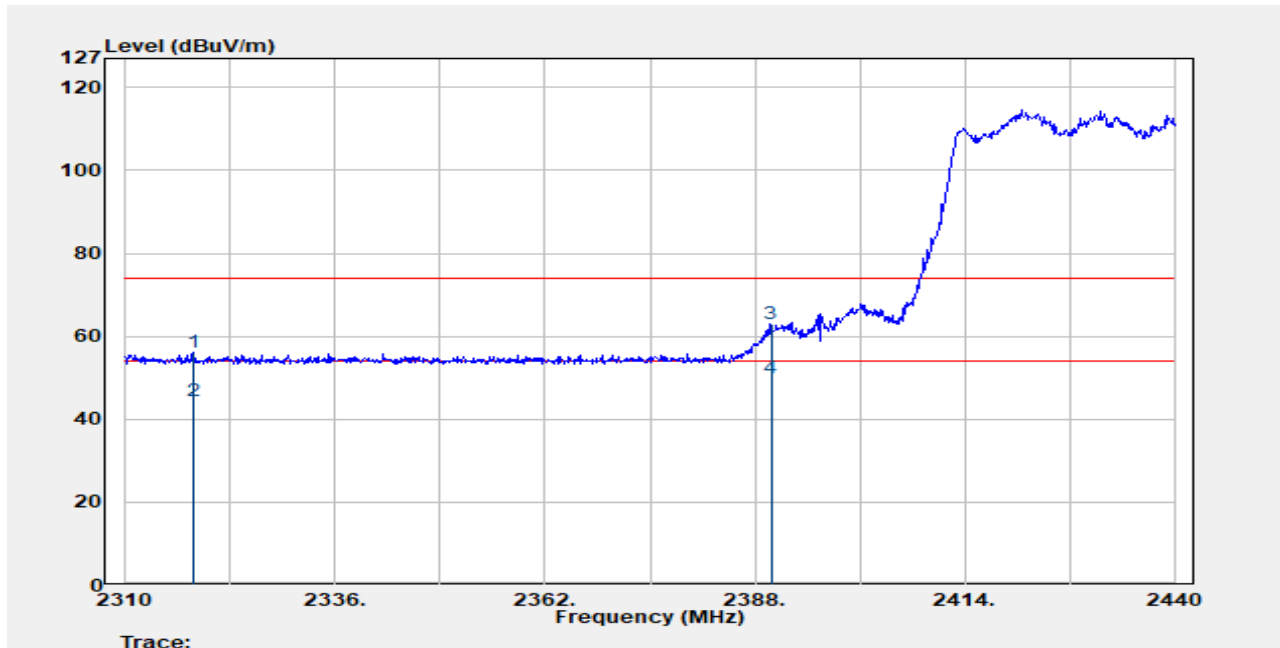
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2432 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2318.320	Peak	60.48	-4.42	56.07	74.00	-17.93
2318.320	Average	48.86	-4.42	44.44	54.00	-9.56
2390.000	Peak	67.20	-4.25	62.94	74.00	-11.06
2390.000	Average	54.08	-4.25	49.83	54.00	-4.17

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

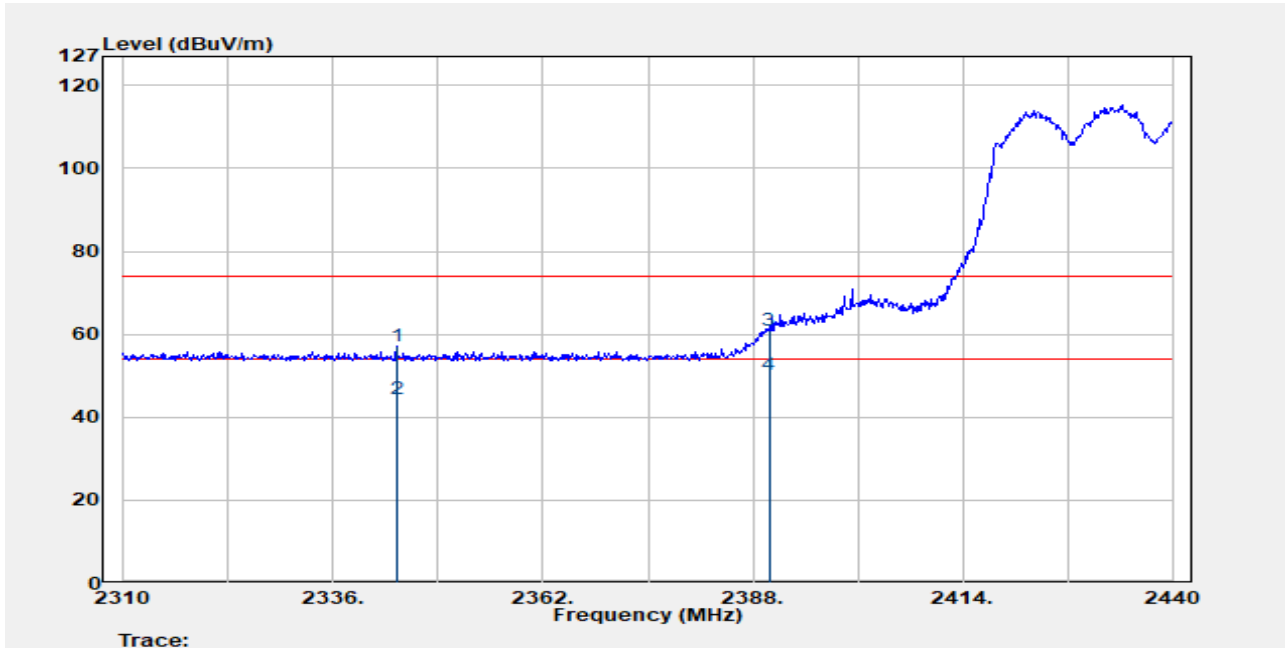
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2343.800	Peak	61.69	-4.52	57.17	74.00	-16.83
2343.800	Average	48.98	-4.52	44.46	54.00	-9.54
2390.000	Peak	65.05	-4.25	60.80	74.00	-13.20
2390.000	Average	54.57	-4.25	50.32	54.00	-3.68

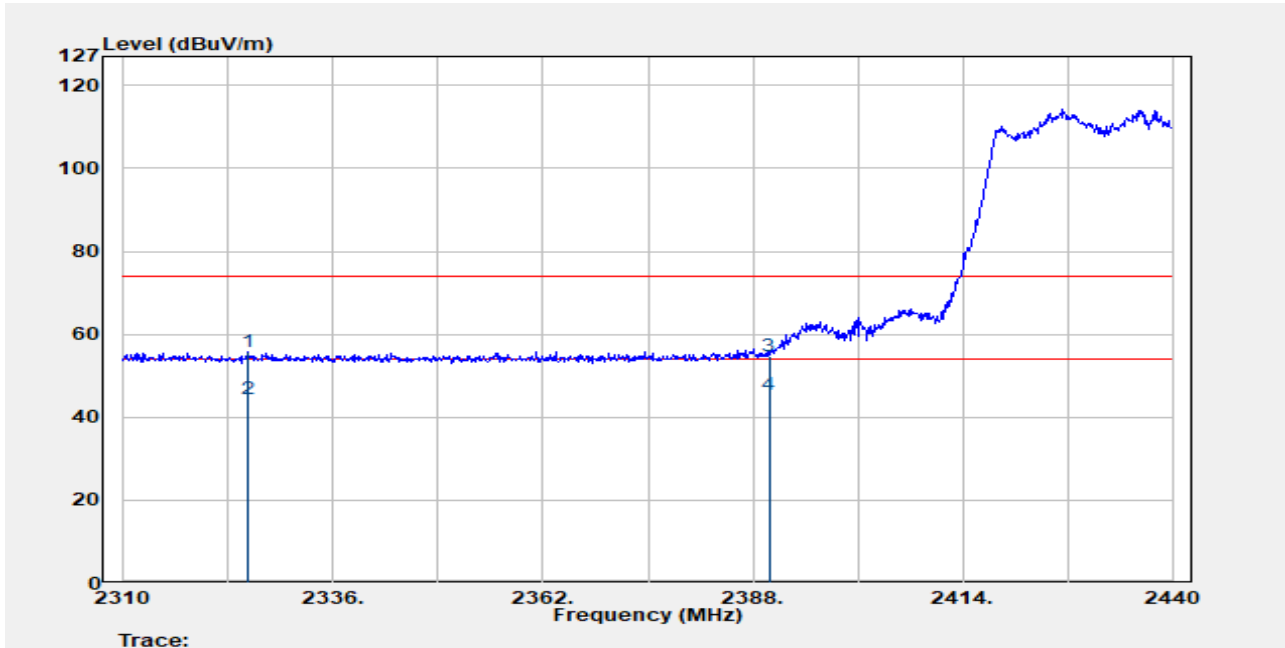
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2325.470	Peak	60.14	-4.45	55.69	74.00	-18.31
2325.470	Average	48.91	-4.45	44.46	54.00	-9.54
2390.000	Peak	59.09	-4.25	54.83	74.00	-19.17
2390.000	Average	49.76	-4.25	45.51	54.00	-8.49

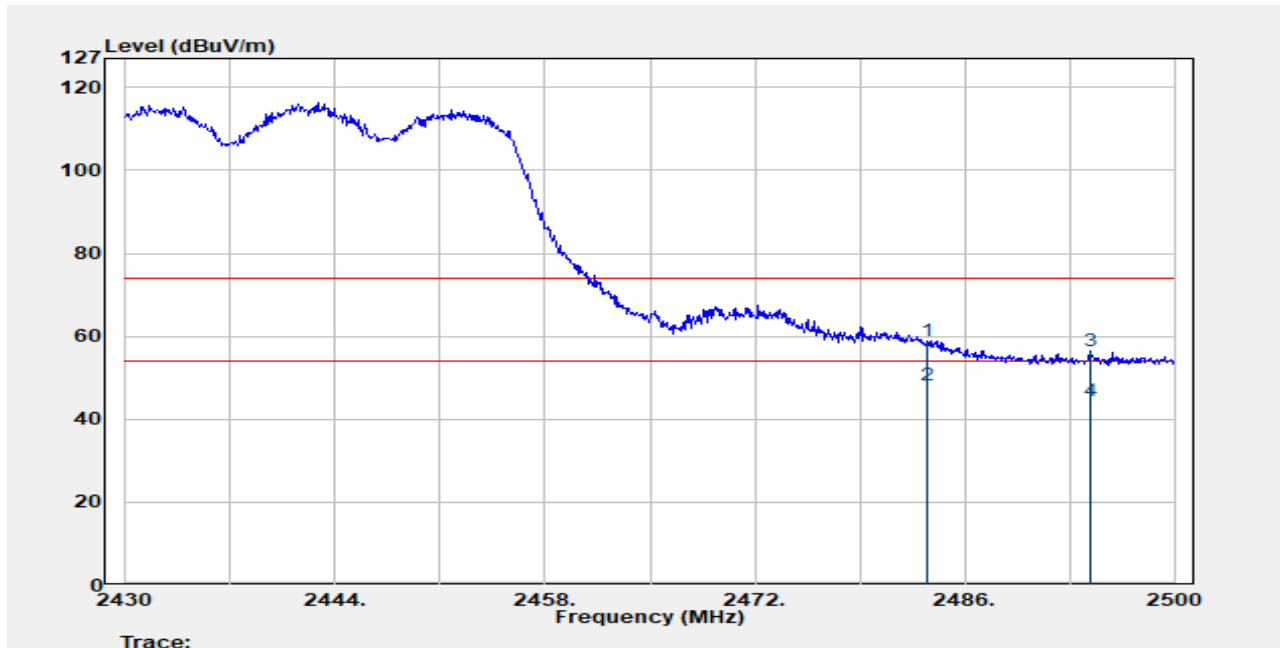
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



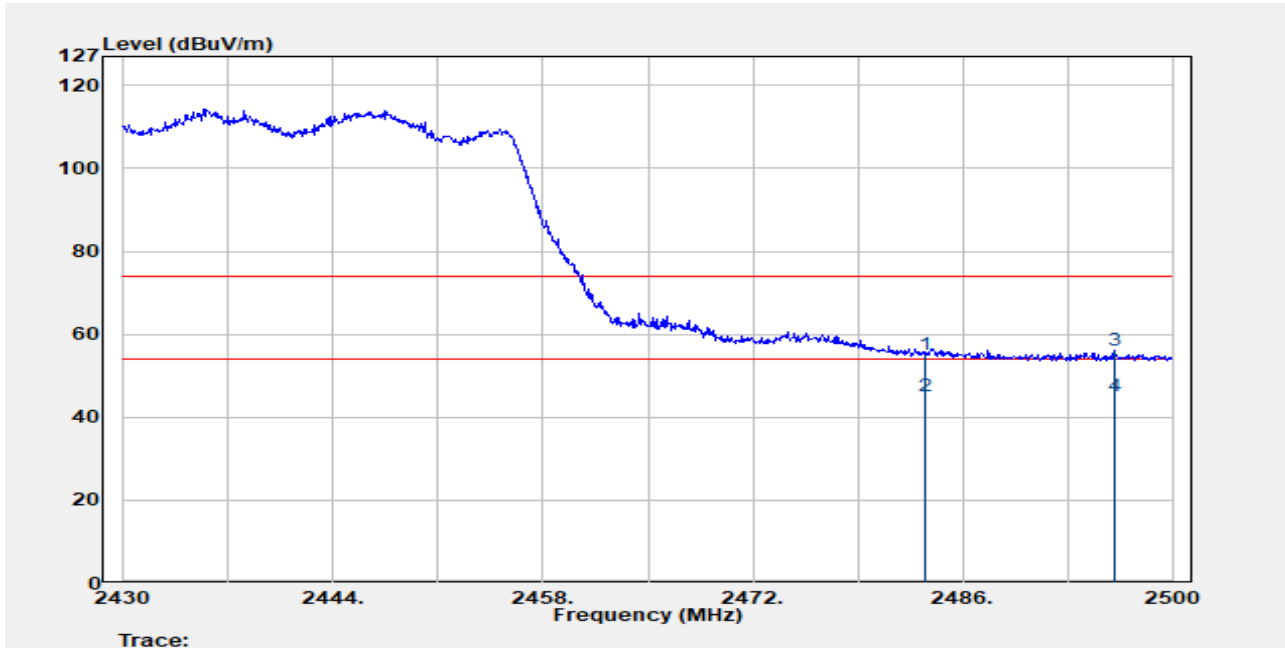
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	63.54	-4.64	58.90	74.00	-15.10
2483.500	Average	52.76	-4.64	48.12	54.00	-5.88
2494.400	Peak	61.11	-4.61	56.50	74.00	-17.50
2494.400	Average	48.98	-4.61	44.37	54.00	-9.63

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Peak	59.61	-4.64	54.96	74.00	-19.04
2483.500	Average	49.82	-4.64	45.18	54.00	-8.82
2496.150	Peak	60.56	-4.60	55.96	74.00	-18.04
2496.150	Average	49.64	-4.60	45.04	54.00	-8.96

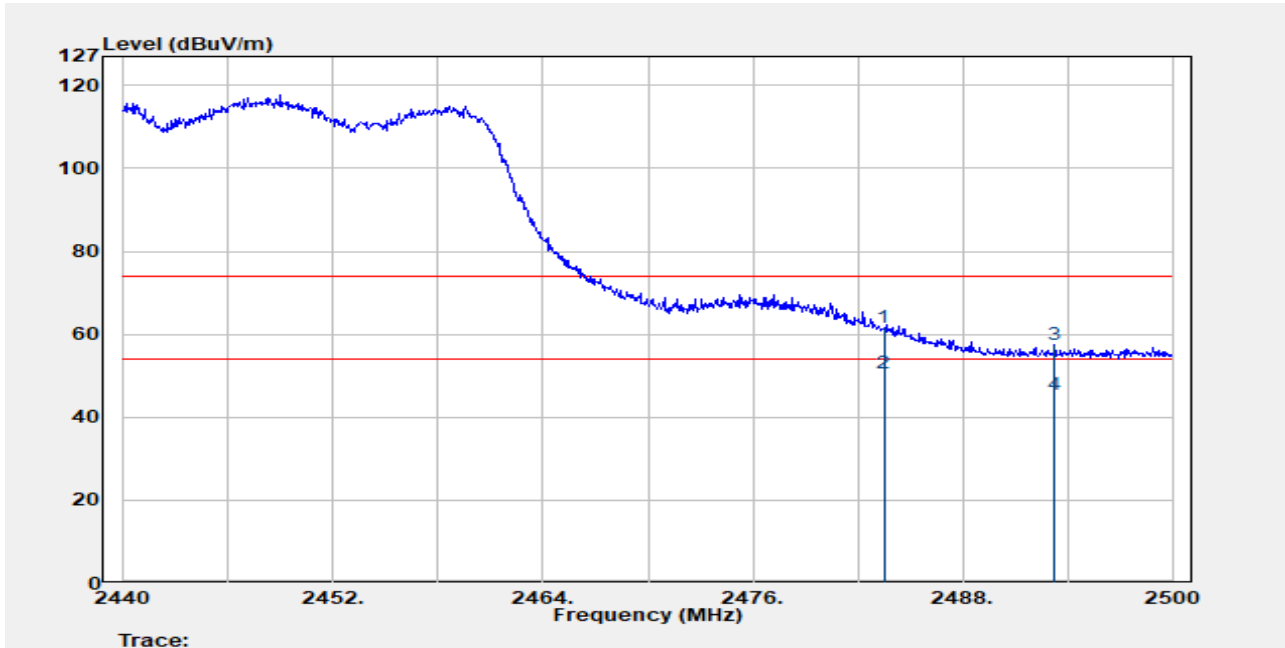
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2442 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Peak	66.27	-4.64	61.63	74.00	-12.37
2483.500	Average	55.13	-4.64	50.49	54.00	-3.51
2493.280	Peak	61.94	-4.61	57.33	74.00	-16.67
2493.280	Average	49.98	-4.61	45.37	54.00	-8.63

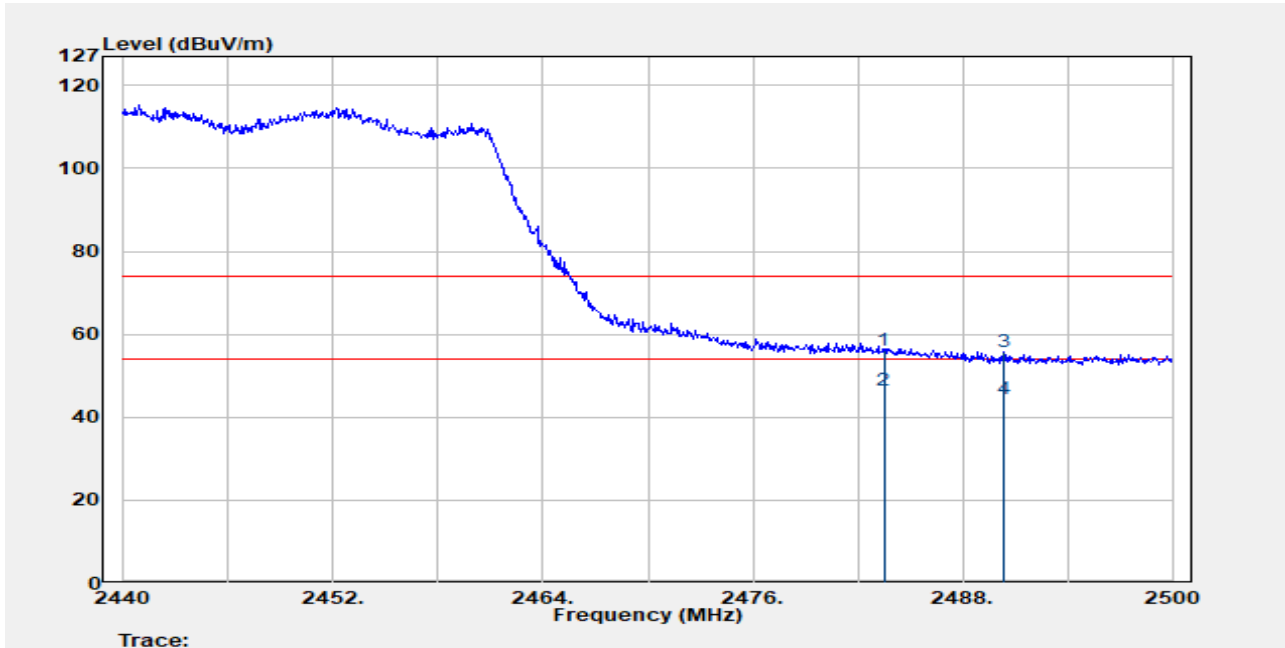
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2442 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.81	-4.64	56.17	74.00	-17.83
2483.500	Average	51.24	-4.64	46.60	54.00	-7.40
2490.400	Peak	60.48	-4.62	55.86	74.00	-18.14
2490.400	Average	49.12	-4.62	44.50	54.00	-9.50

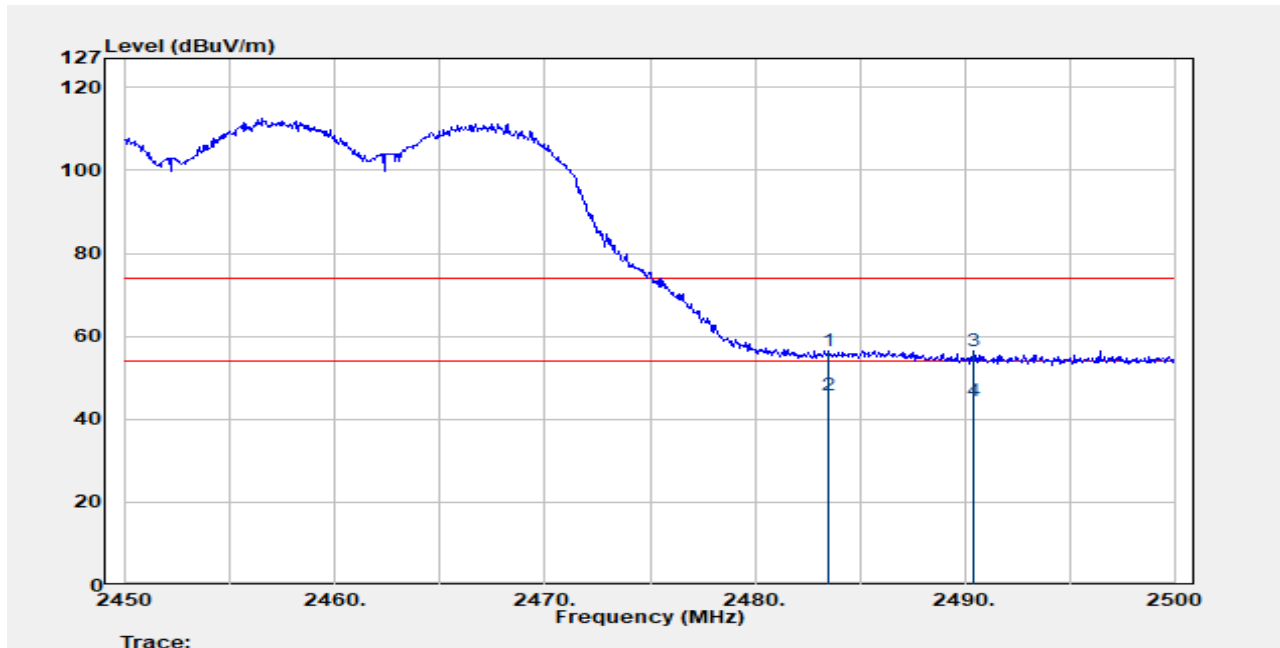
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	61.20	-4.64	56.56	74.00	-17.44
2483.500	Average	50.42	-4.64	45.78	54.00	-8.22
2490.450	Peak	61.14	-4.62	56.52	74.00	-17.48
2490.450	Average	49.01	-4.62	44.39	54.00	-9.61

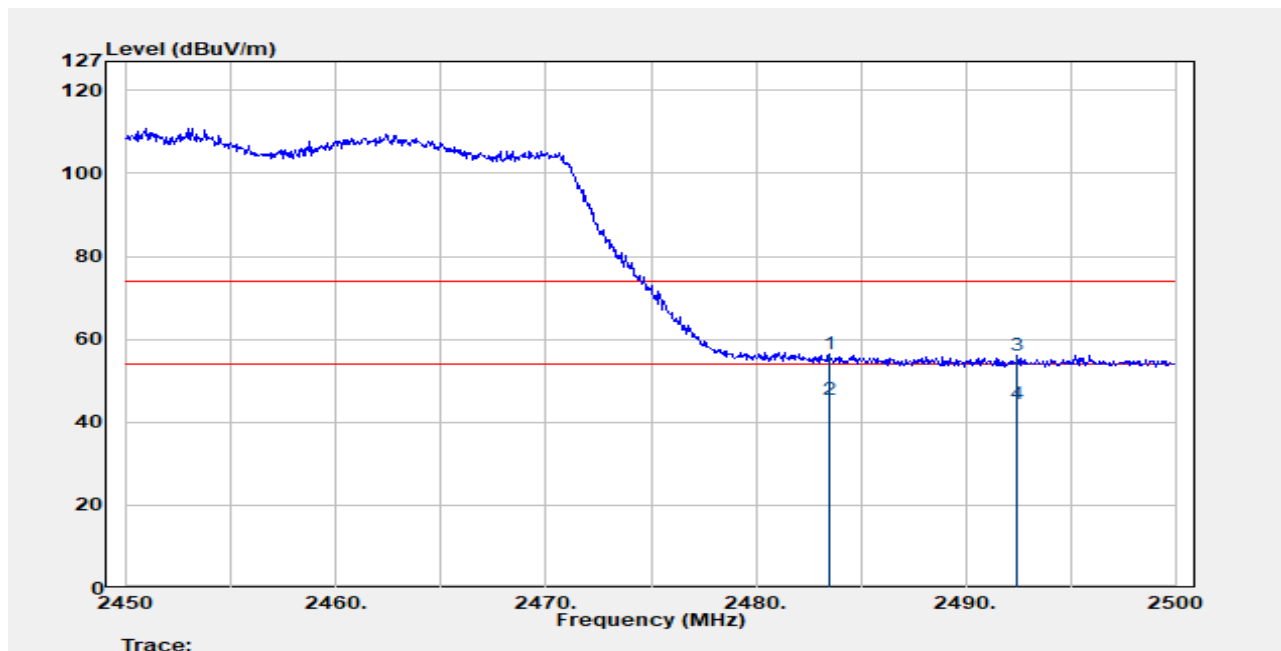
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.99	-4.64	56.35	74.00	-17.65
2483.500	Average	49.96	-4.64	45.32	54.00	-8.68
2492.450	Peak	60.71	-4.61	56.10	74.00	-17.90
2492.450	Average	48.86	-4.61	44.25	54.00	-9.75

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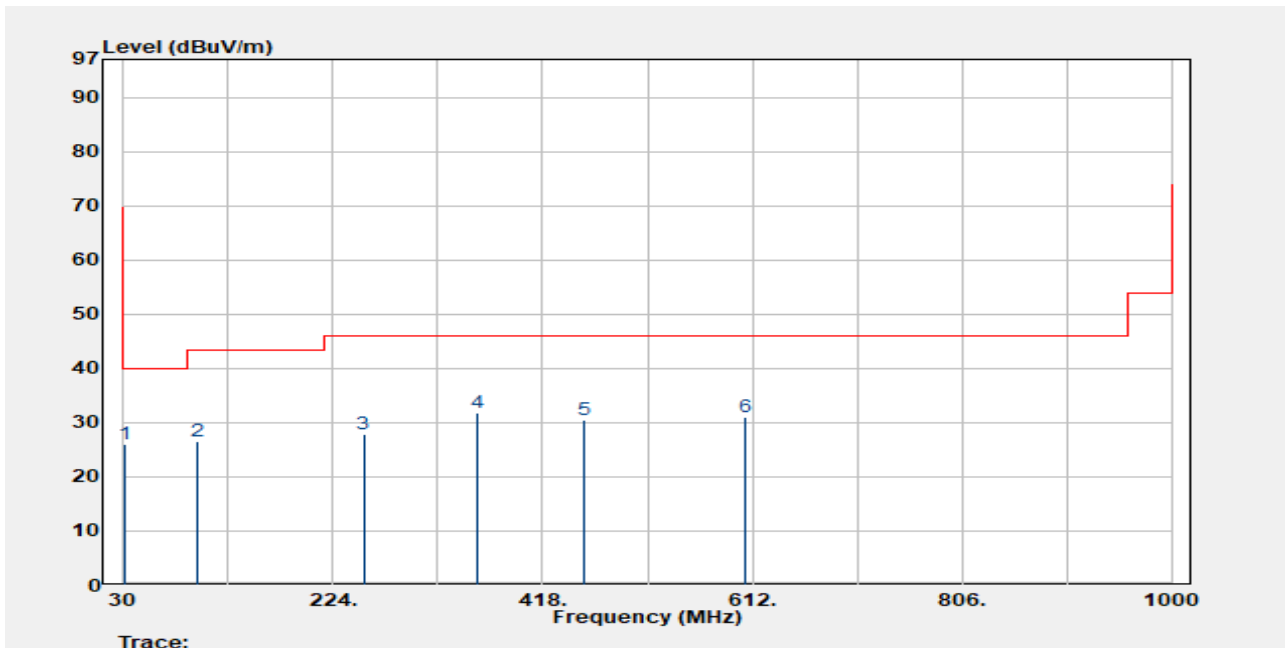
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**11.6.2 Spurious Emission:**

Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
31.940	Peak	35.87	-9.72	26.15	40.00	-13.85
98.870	Peak	39.71	-13.18	26.53	43.50	-16.97
252.130	Peak	36.59	-8.77	27.82	46.00	-18.18
357.860	Peak	37.88	-6.09	31.79	46.00	-14.21
455.830	Peak	34.55	-4.02	30.52	46.00	-15.48
605.210	Peak	31.18	-0.21	30.96	46.00	-15.04

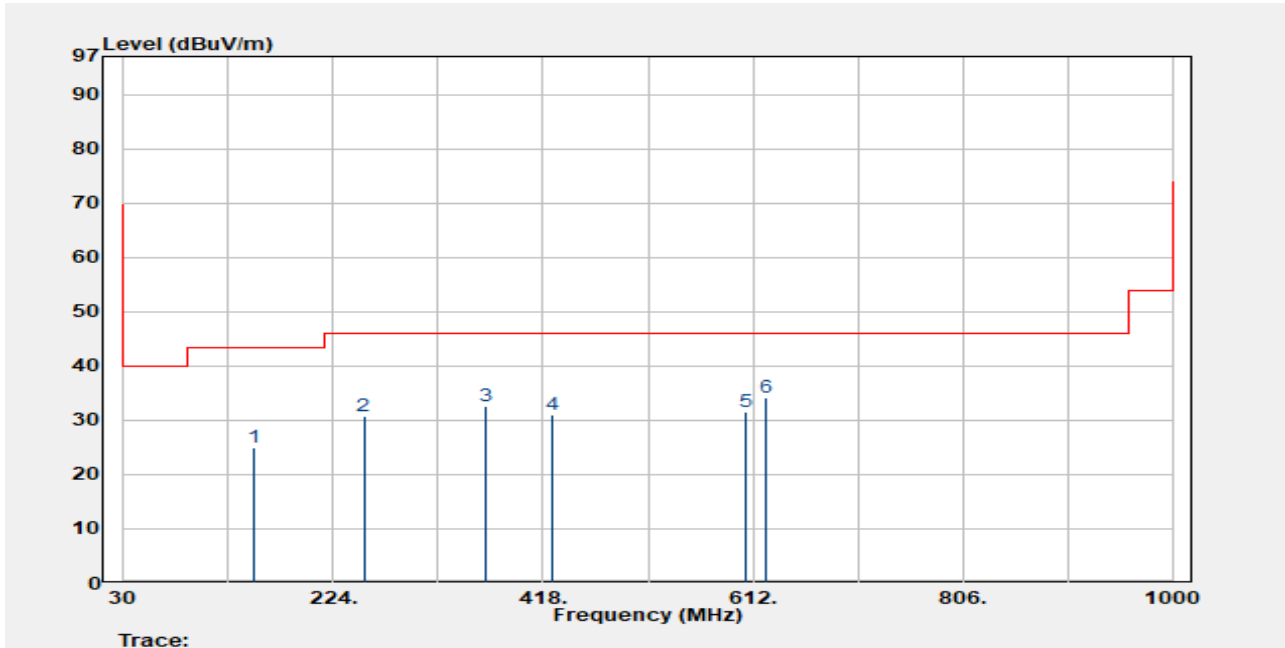
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
150.280	Peak	33.16	-8.15	25.01	43.50	-18.49
252.130	Peak	39.61	-8.77	30.84	46.00	-15.16
365.620	Peak	38.63	-5.92	32.71	46.00	-13.29
426.730	Peak	35.50	-4.50	31.00	46.00	-15.00
605.210	Peak	31.73	-0.21	31.52	46.00	-14.48
623.640	Peak	35.14	-1.04	34.11	46.00	-11.89

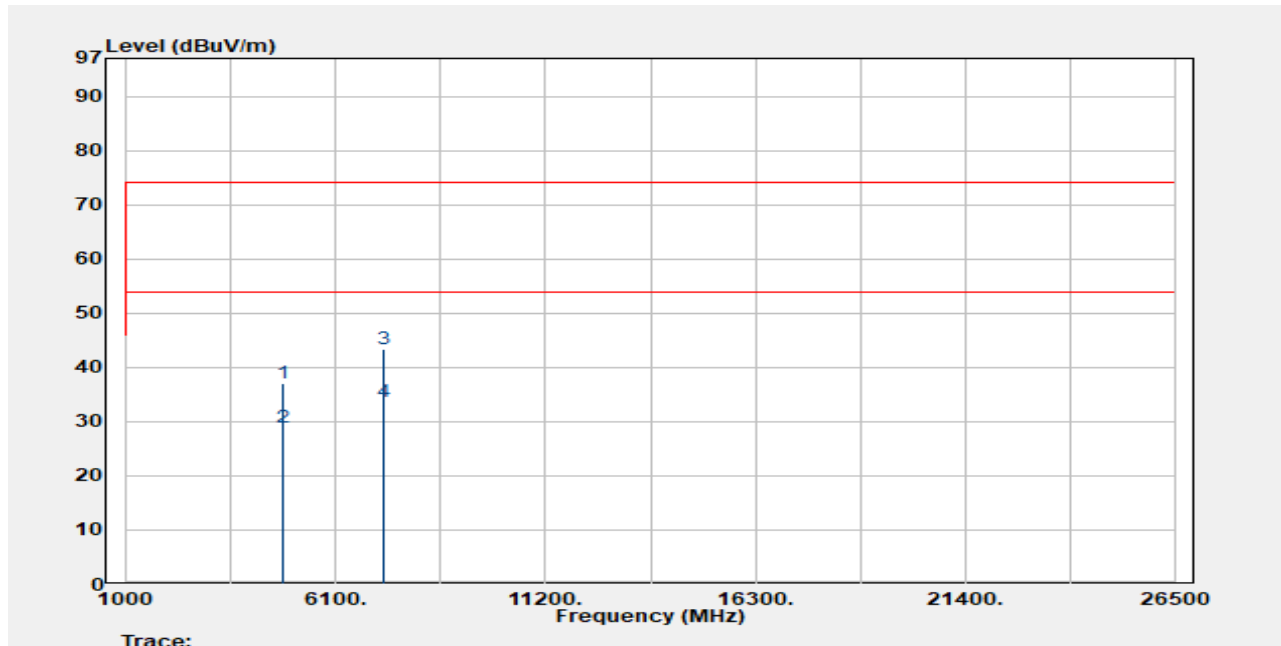
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.38	-0.33	37.05	74.00	-36.95
4824.000	Average	29.22	-0.33	28.89	54.00	-25.11
7236.000	Peak	37.38	6.09	43.47	74.00	-30.53
7236.000	Average	27.46	6.09	33.55	54.00	-20.45

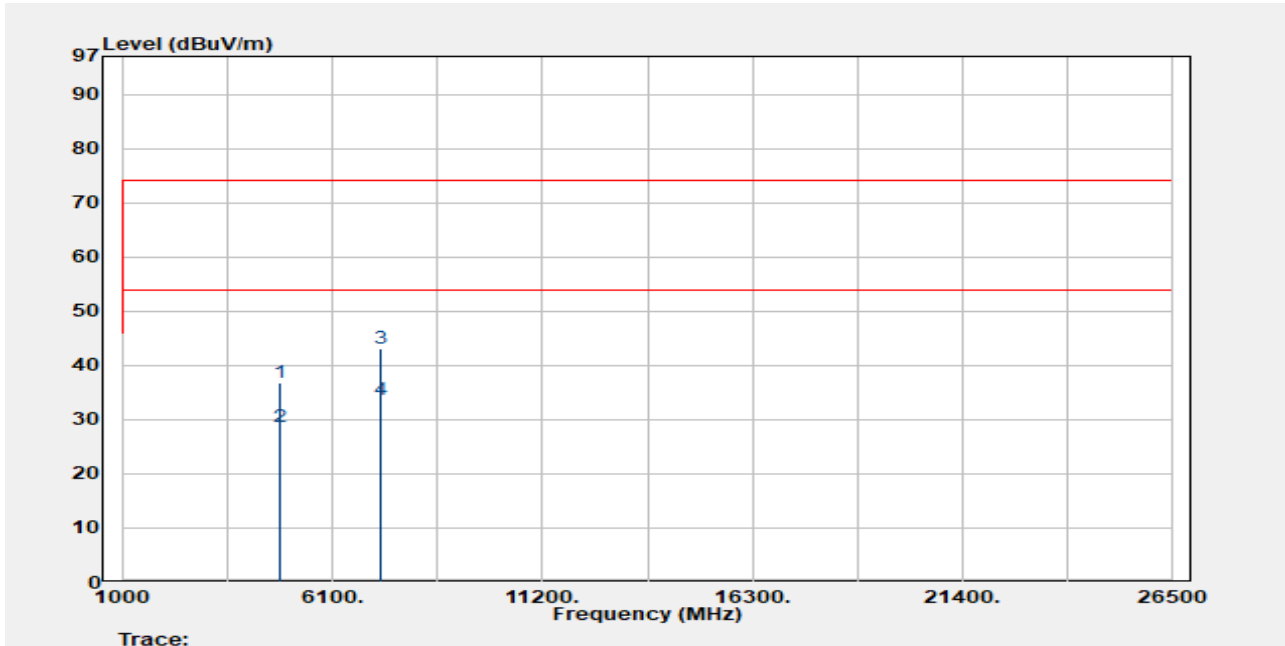
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.10	-0.33	36.77	74.00	-37.23
4824.000	Average	28.89	-0.33	28.56	54.00	-25.44
7236.000	Peak	36.95	6.09	43.04	74.00	-30.96
7236.000	Average	27.43	6.09	33.52	54.00	-20.48

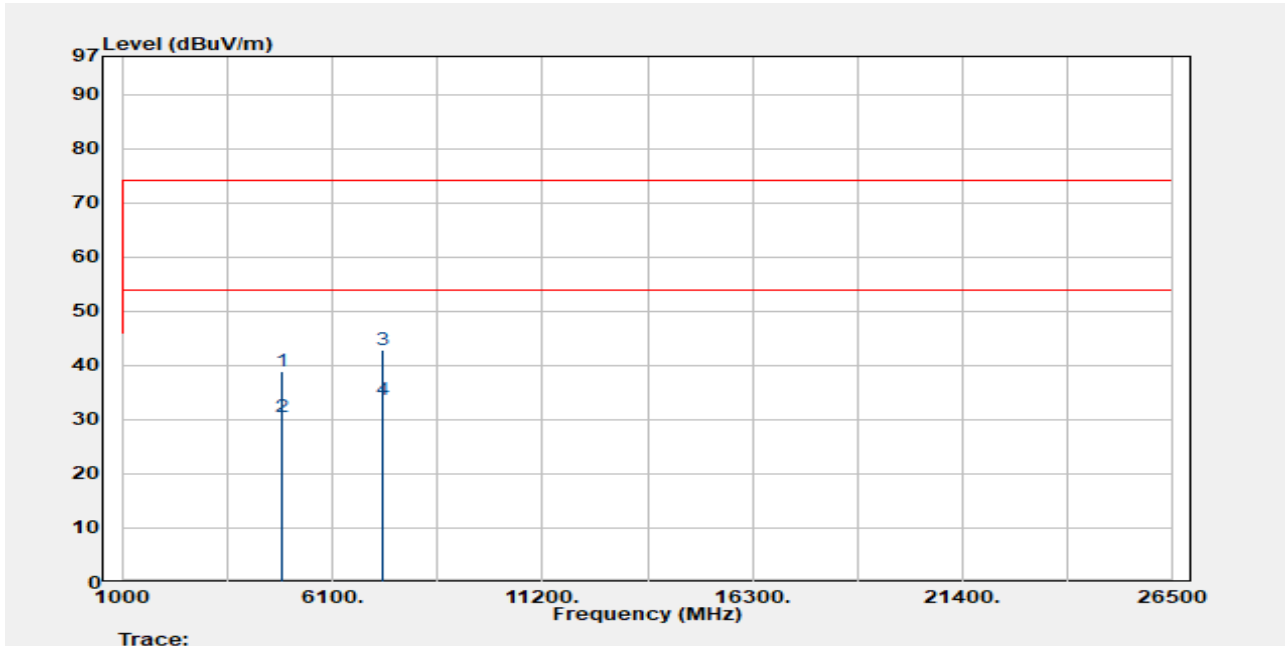
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	39.33	-0.29	39.03	74.00	-34.97
4874.000	Average	30.87	-0.29	30.58	54.00	-23.42
7311.000	Peak	37.05	5.79	42.84	74.00	-31.16
7311.000	Average	27.89	5.79	33.68	54.00	-20.32

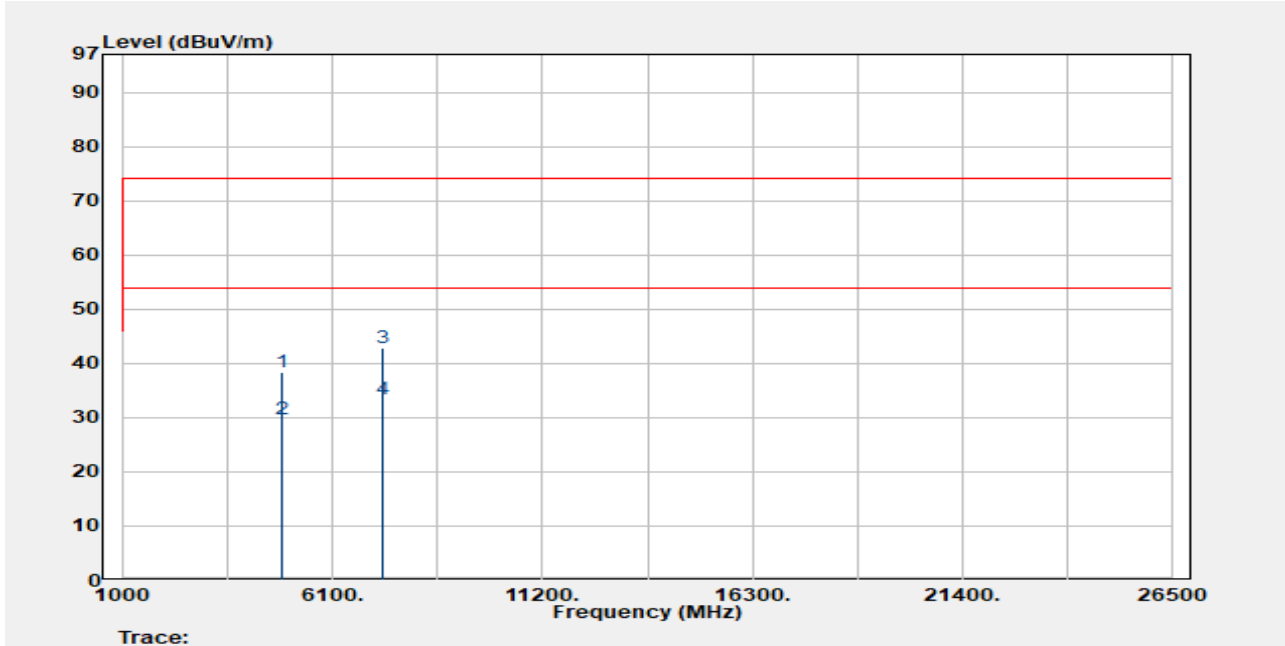
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.66	-0.29	38.37	74.00	-35.63
4874.000	Average	29.92	-0.29	29.63	54.00	-24.37
7311.000	Peak	37.17	5.79	42.96	74.00	-31.04
7311.000	Average	27.66	5.79	33.45	54.00	-20.55

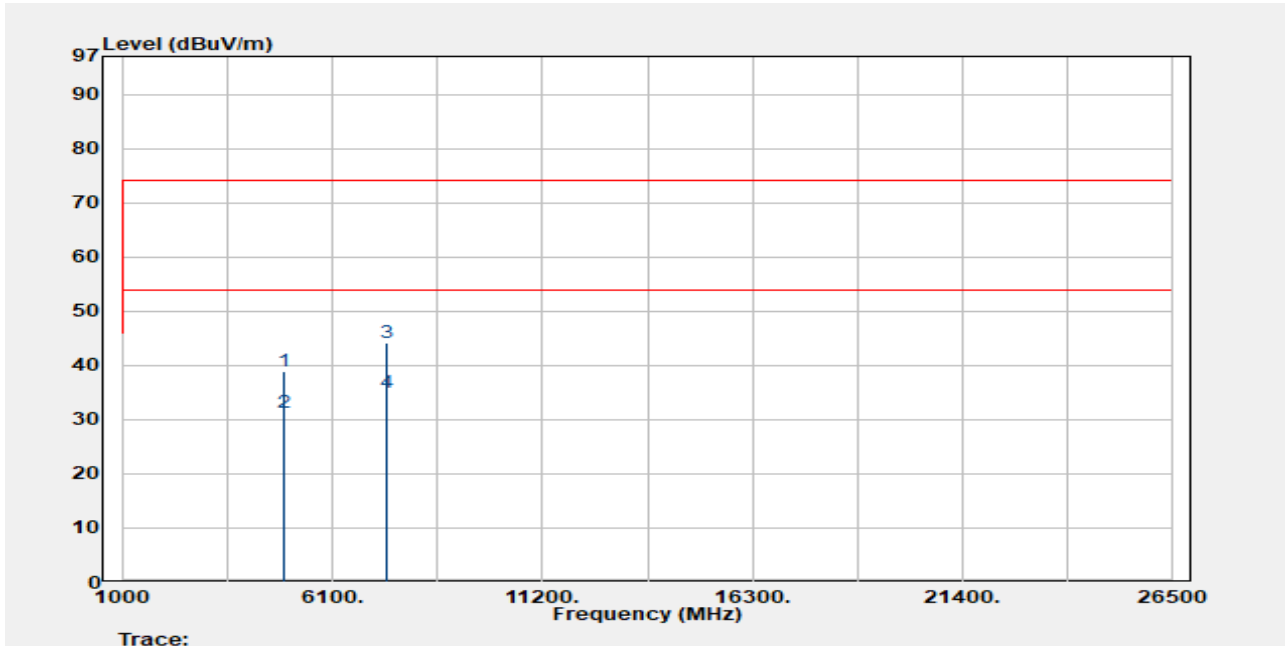
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	39.08	-0.29	38.79	74.00	-35.21
4924.000	Average	31.58	-0.29	31.29	54.00	-22.71
7386.000	Peak	37.87	6.33	44.20	74.00	-29.80
7386.000	Average	28.69	6.33	35.02	54.00	-18.98

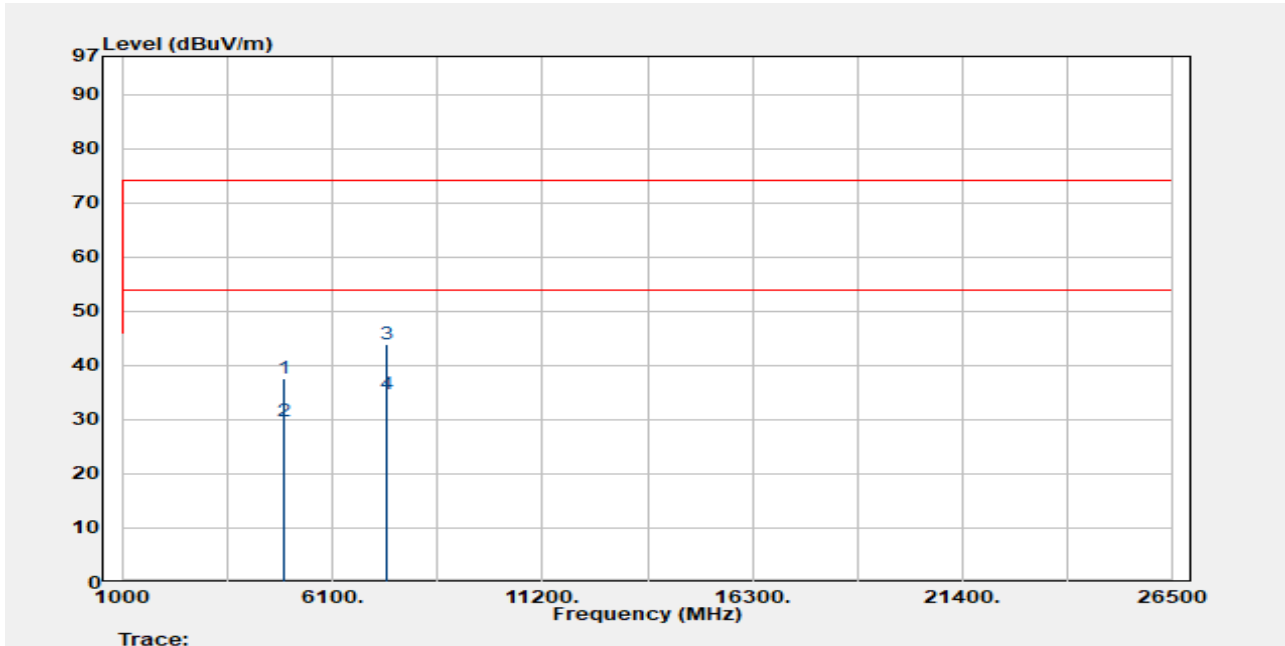
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	37.98	-0.29	37.68	74.00	-36.32
4924.000	Average	29.96	-0.29	29.67	54.00	-24.33
7386.000	Peak	37.51	6.33	43.84	74.00	-30.16
7386.000	Average	28.49	6.33	34.82	54.00	-19.18

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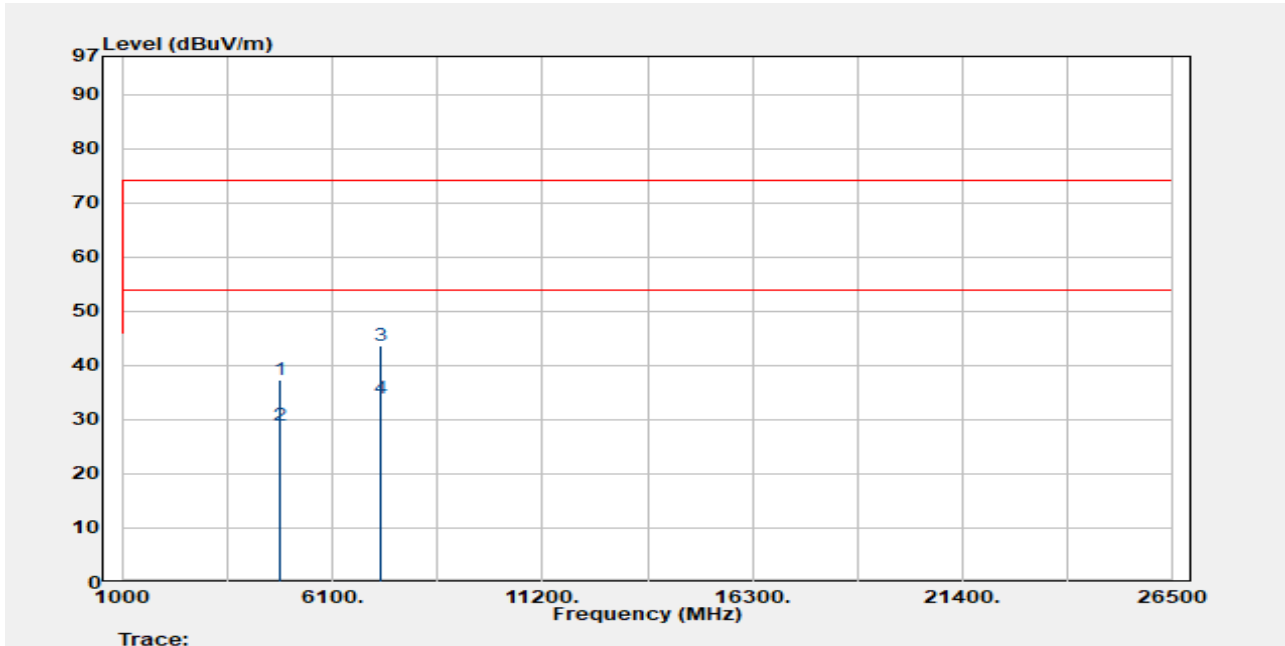
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.54	-0.33	37.21	74.00	-36.79
4824.000	Average	29.12	-0.33	28.79	54.00	-25.21
7236.000	Peak	37.49	6.09	43.58	74.00	-30.42
7236.000	Average	27.93	6.09	34.02	54.00	-19.98

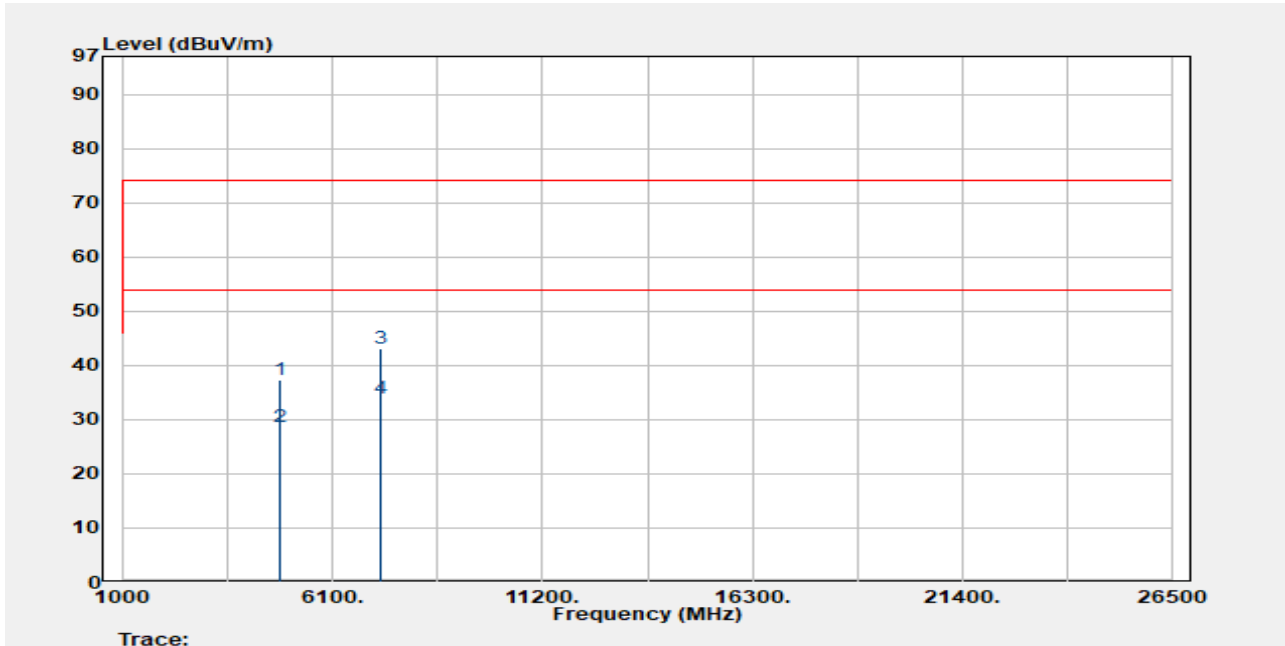
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.63	-0.33	37.30	74.00	-36.70
4824.000	Average	28.89	-0.33	28.56	54.00	-25.44
7236.000	Peak	37.05	6.09	43.14	74.00	-30.86
7236.000	Average	27.89	6.09	33.98	54.00	-20.02

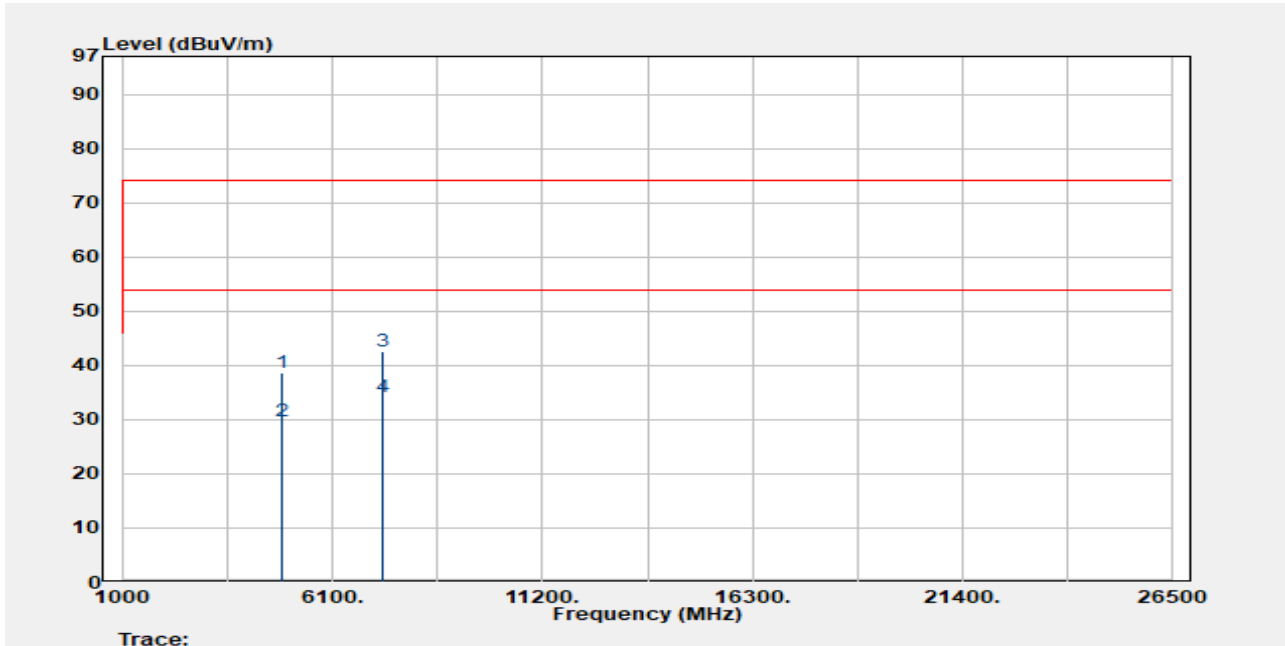
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.95	-0.29	38.66	74.00	-35.34
4874.000	Average	29.97	-0.29	29.68	54.00	-24.32
7311.000	Peak	36.92	5.79	42.71	74.00	-31.29
7311.000	Average	28.28	5.79	34.07	54.00	-19.93

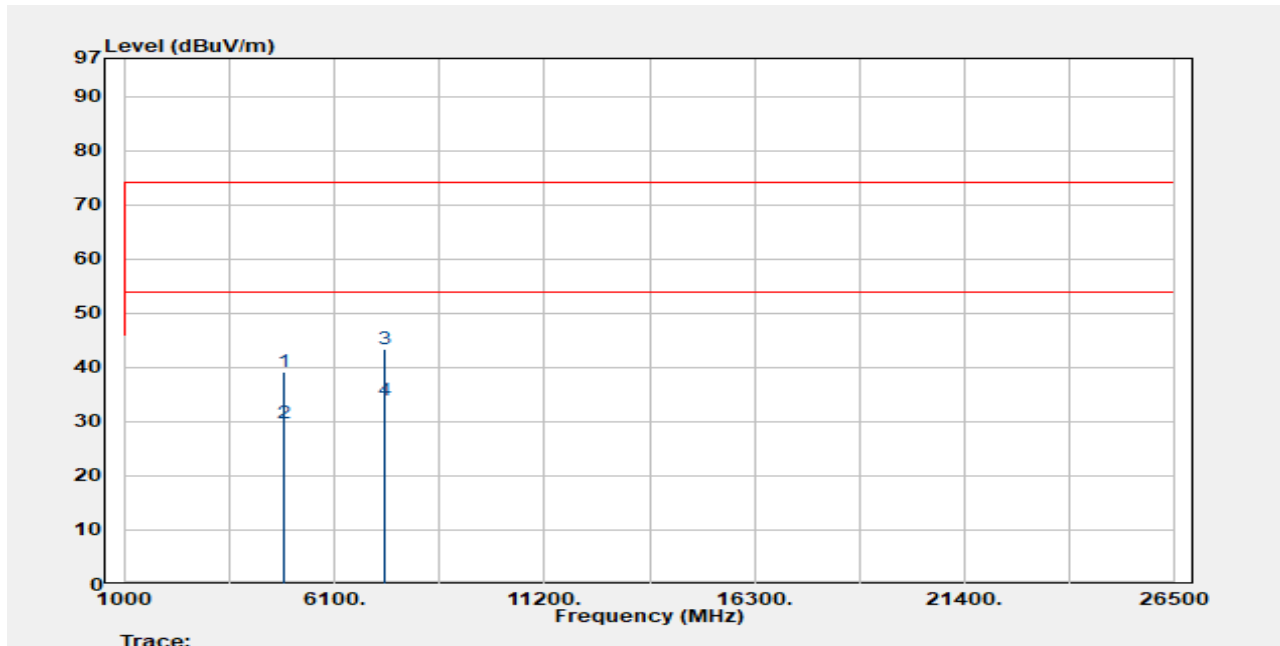
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	39.41	-0.29	39.12	74.00	-34.88
4874.000	Average	29.89	-0.29	29.60	54.00	-24.40
7311.000	Peak	37.50	5.79	43.29	74.00	-30.71
7311.000	Average	28.12	5.79	33.91	54.00	-20.09

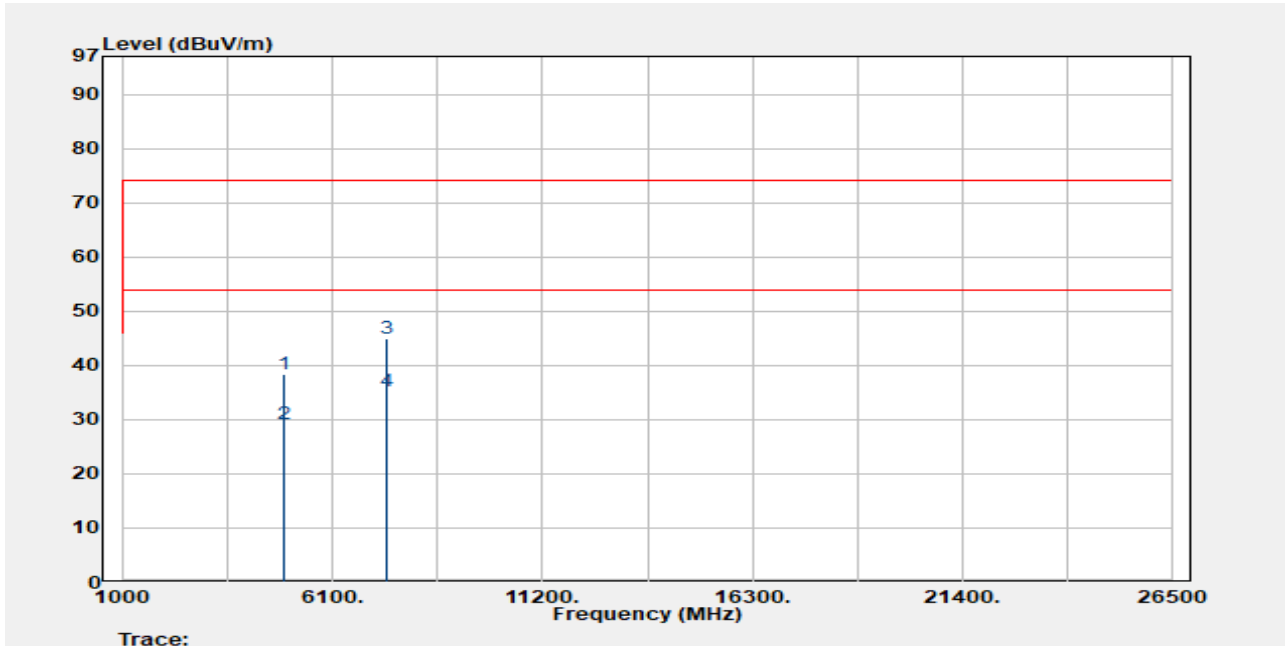
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	38.80	-0.29	38.50	74.00	-35.50
4924.000	Average	29.47	-0.29	29.18	54.00	-24.82
7386.000	Peak	38.73	6.33	45.06	74.00	-28.94
7386.000	Average	28.92	6.33	35.25	54.00	-18.75

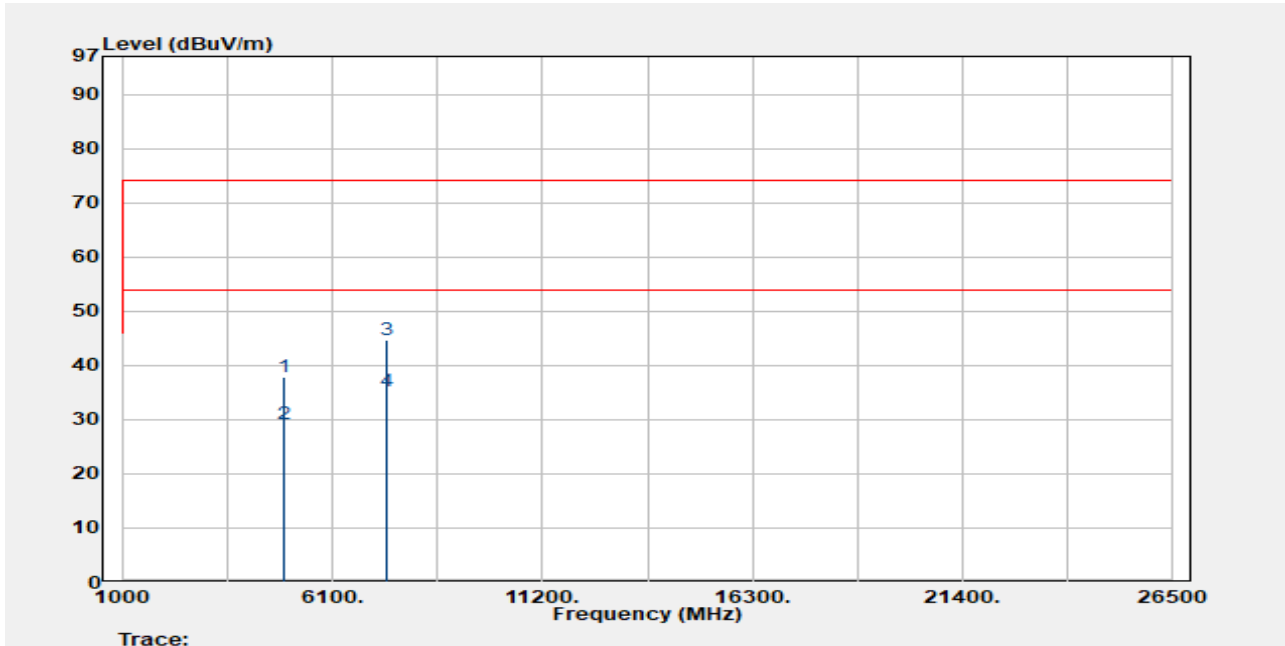
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	38.27	-0.29	37.97	74.00	-36.03
4924.000	Average	29.36	-0.29	29.07	54.00	-24.93
7386.000	Peak	38.24	6.33	44.57	74.00	-29.43
7386.000	Average	28.82	6.33	35.15	54.00	-18.85

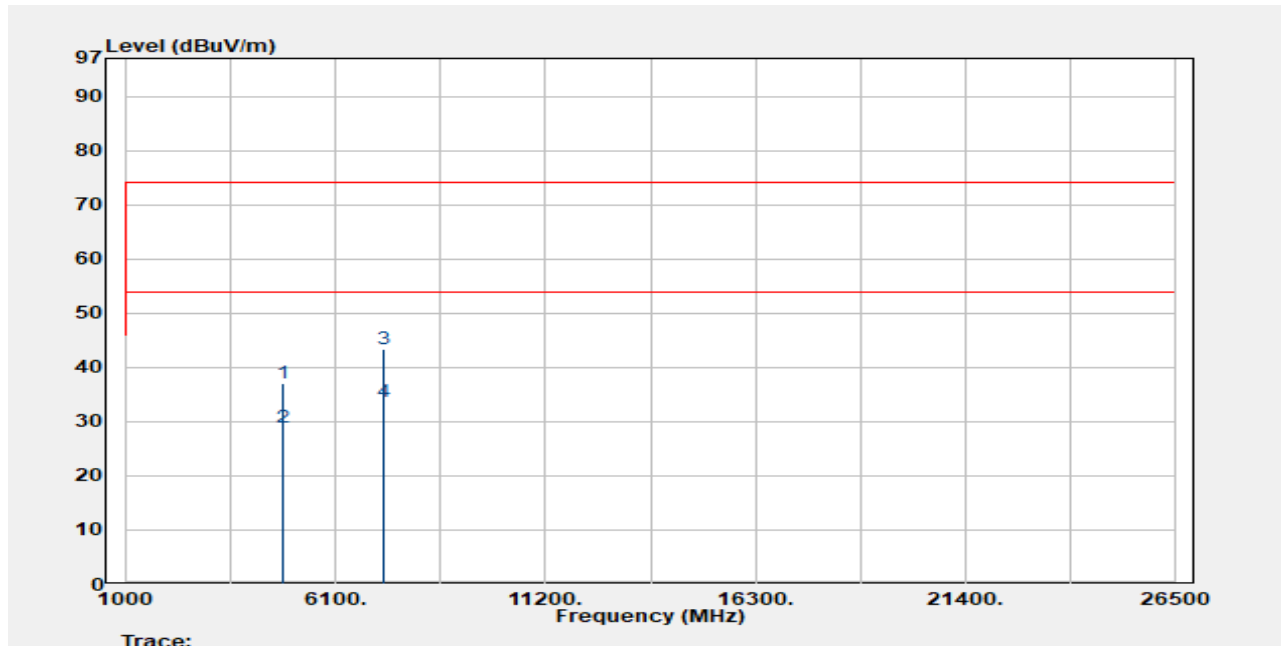
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.45	-0.33	37.12	74.00	-36.88
4824.000	Average	29.19	-0.33	28.86	54.00	-25.14
7236.000	Peak	37.30	6.09	43.39	74.00	-30.61
7236.000	Average	27.59	6.09	33.68	54.00	-20.32

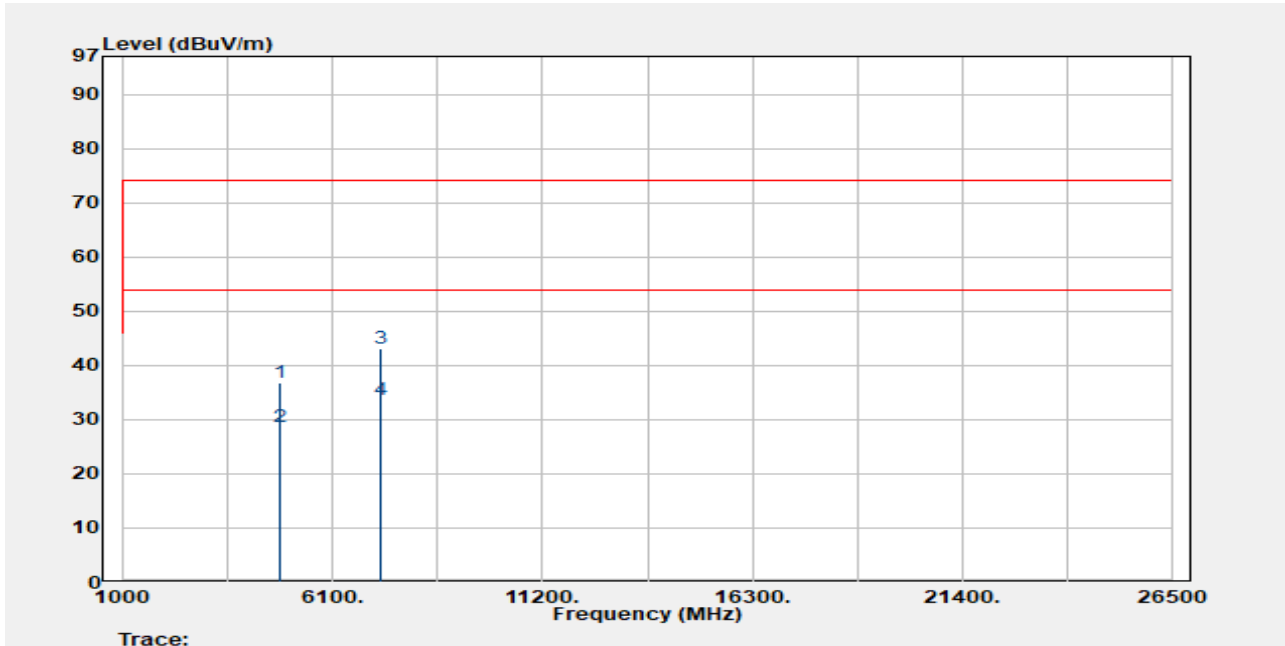
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.14	-0.33	36.81	74.00	-37.19
4824.000	Average	29.02	-0.33	28.69	54.00	-25.31
7236.000	Peak	37.07	6.09	43.16	74.00	-30.84
7236.000	Average	27.63	6.09	33.72	54.00	-20.28

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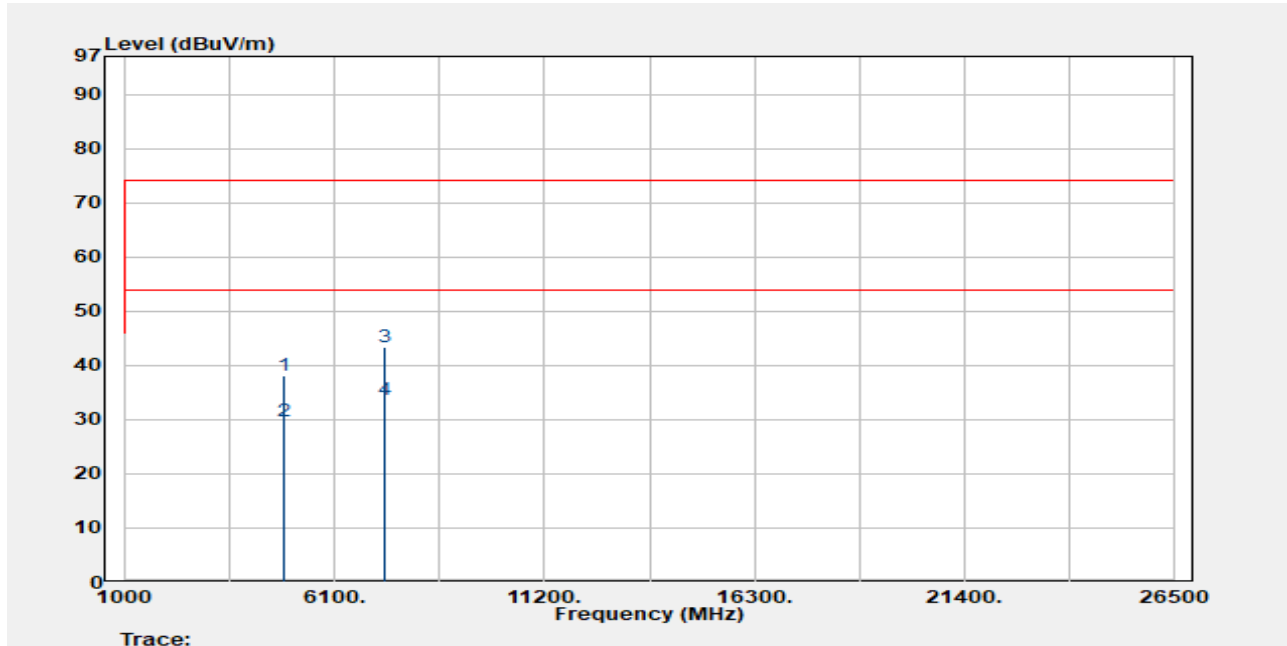
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.51	-0.29	38.21	74.00	-35.79
4874.000	Average	30.02	-0.29	29.73	54.00	-24.27
7311.000	Peak	37.65	5.79	43.44	74.00	-30.56
7311.000	Average	27.89	5.79	33.68	54.00	-20.32

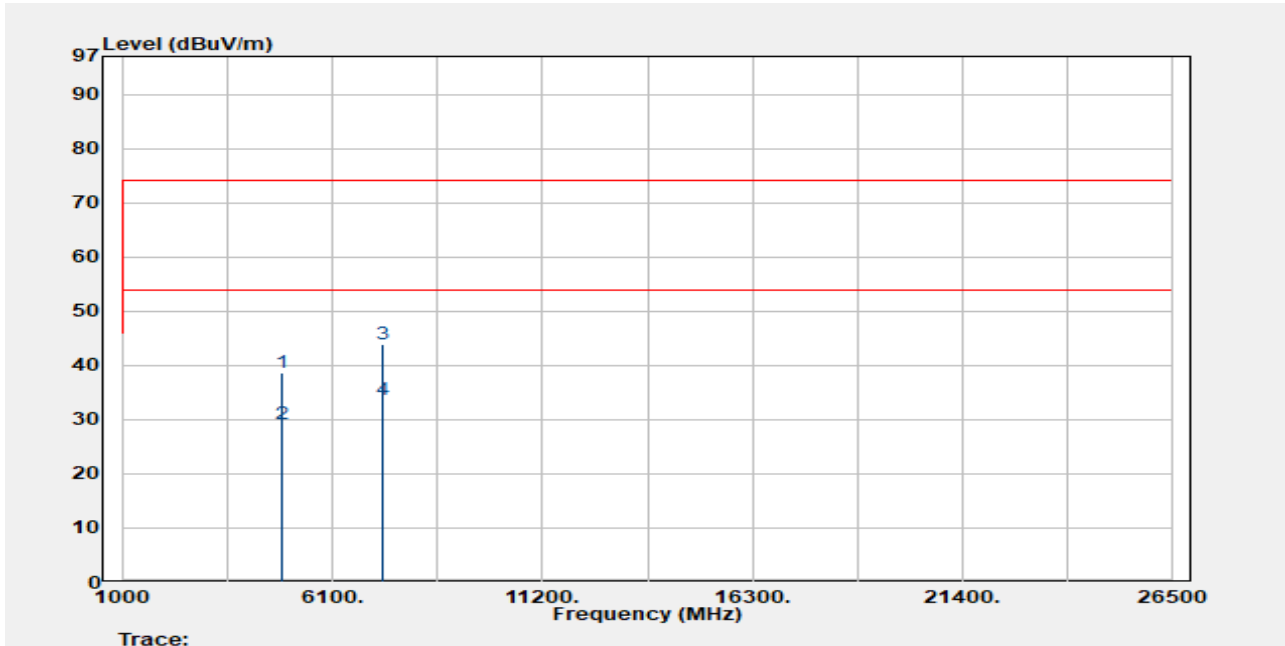
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.82	-0.29	38.52	74.00	-35.48
4874.000	Average	29.58	-0.29	29.29	54.00	-24.71
7311.000	Peak	38.00	5.79	43.79	74.00	-30.21
7311.000	Average	27.82	5.79	33.61	54.00	-20.39

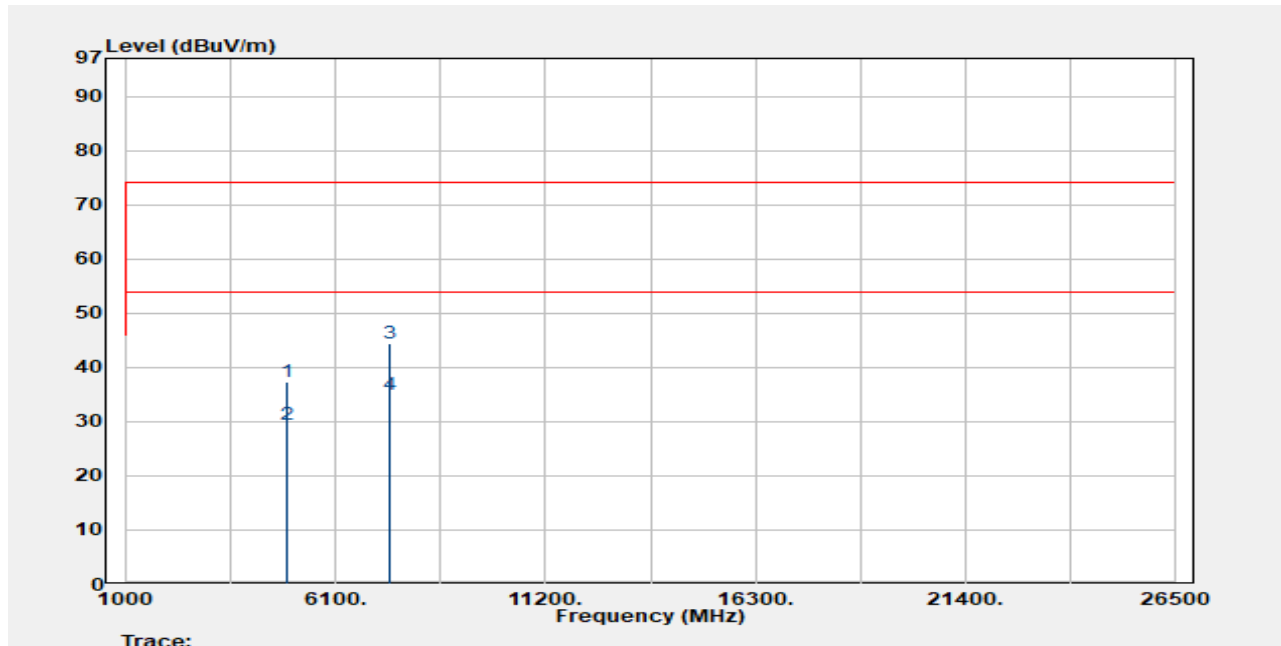
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	37.68	-0.29	37.38	74.00	-36.62
4924.000	Average	29.72	-0.29	29.43	54.00	-24.57
7386.000	Peak	38.06	6.33	44.39	74.00	-29.61
7386.000	Average	28.66	6.33	34.99	54.00	-19.01

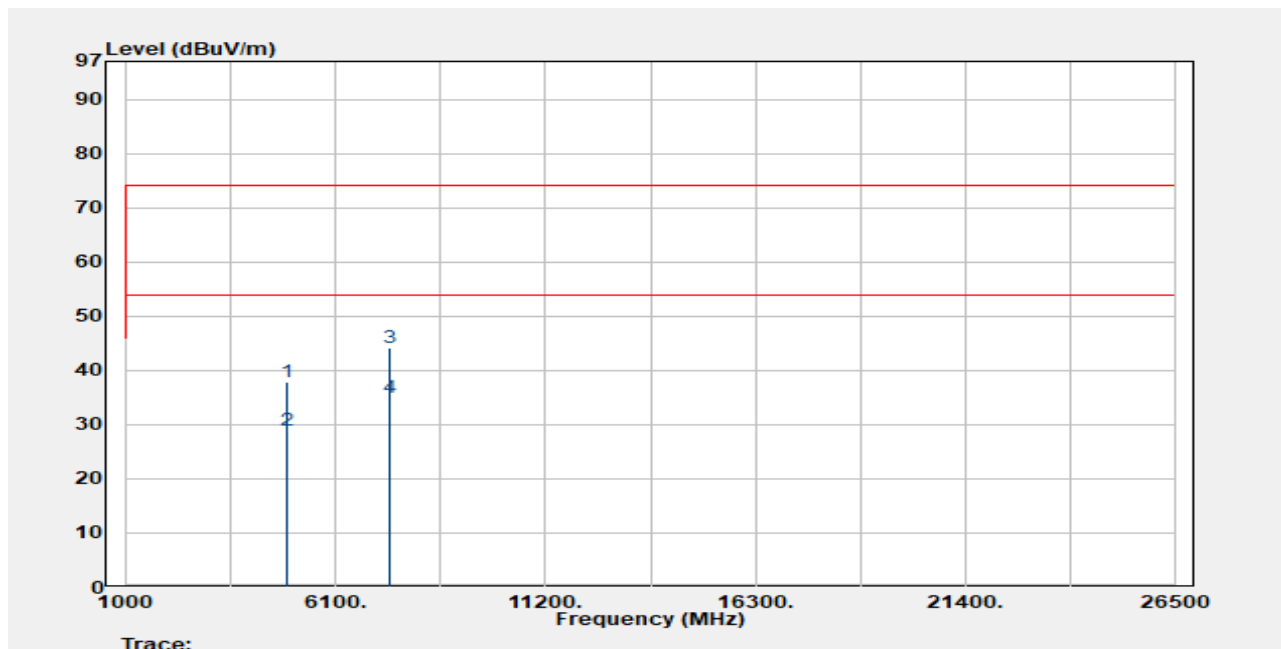
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



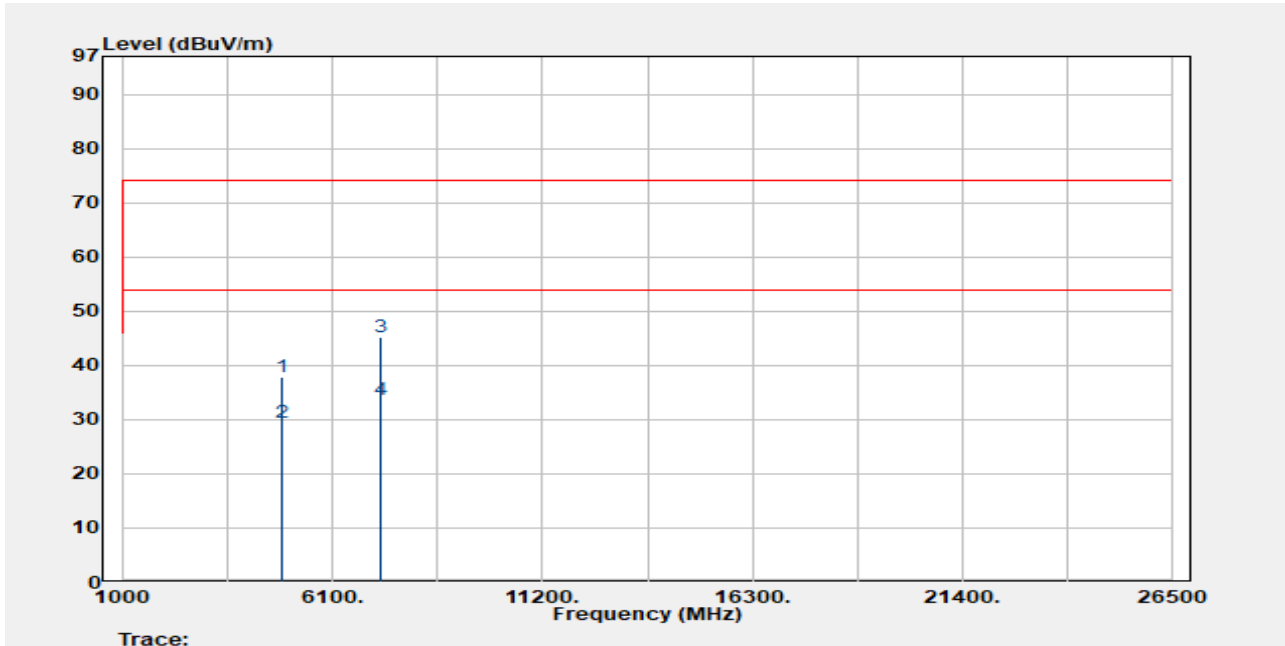
Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	38.08	-0.29	37.79	74.00	-36.21
4924.000	Average	29.13	-0.29	28.84	54.00	-25.16
7386.000	Peak	37.87	6.33	44.20	74.00	-29.80
7386.000	Average	28.63	6.33	34.96	54.00	-19.04

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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Peak	38.03	-0.30	37.73	74.00	-36.27
4844.000	Average	29.72	-0.30	29.42	54.00	-24.58
7266.000	Peak	39.13	6.03	45.16	74.00	-28.84
7266.000	Average	27.63	6.03	33.66	54.00	-20.34

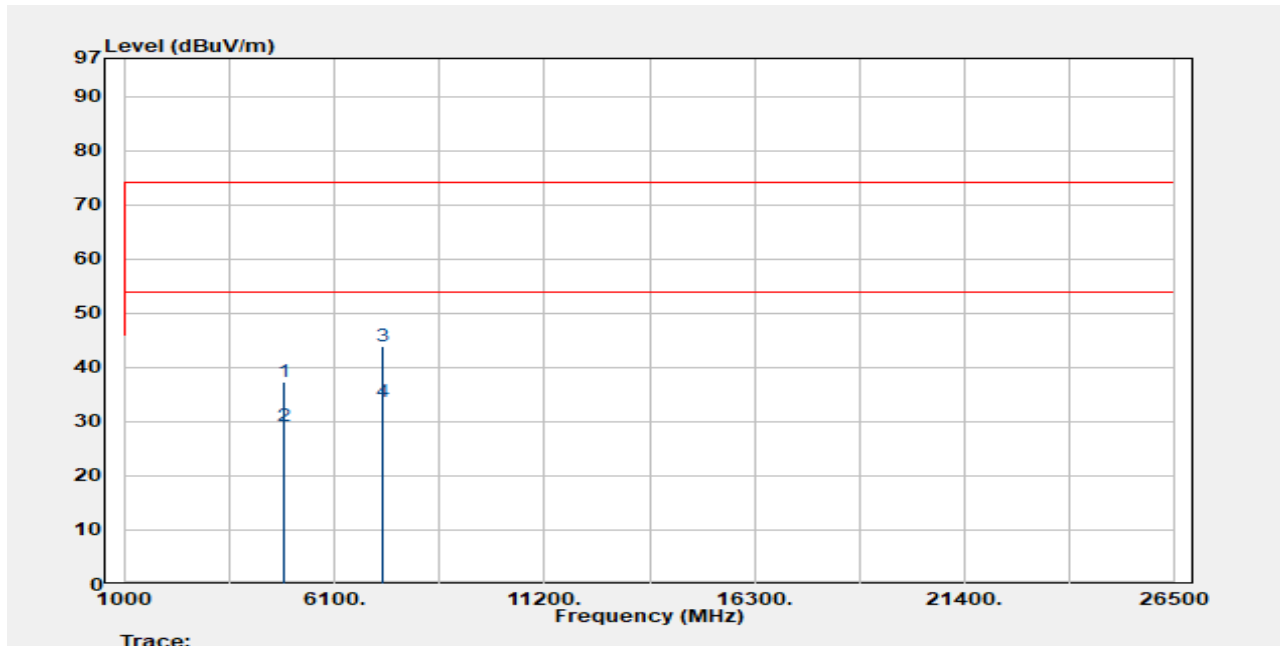
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Peak	37.62	-0.30	37.32	74.00	-36.68
4844.000	Average	29.46	-0.30	29.16	54.00	-24.84
7266.000	Peak	37.80	6.03	43.82	74.00	-30.18
7266.000	Average	27.59	6.03	33.62	54.00	-20.38

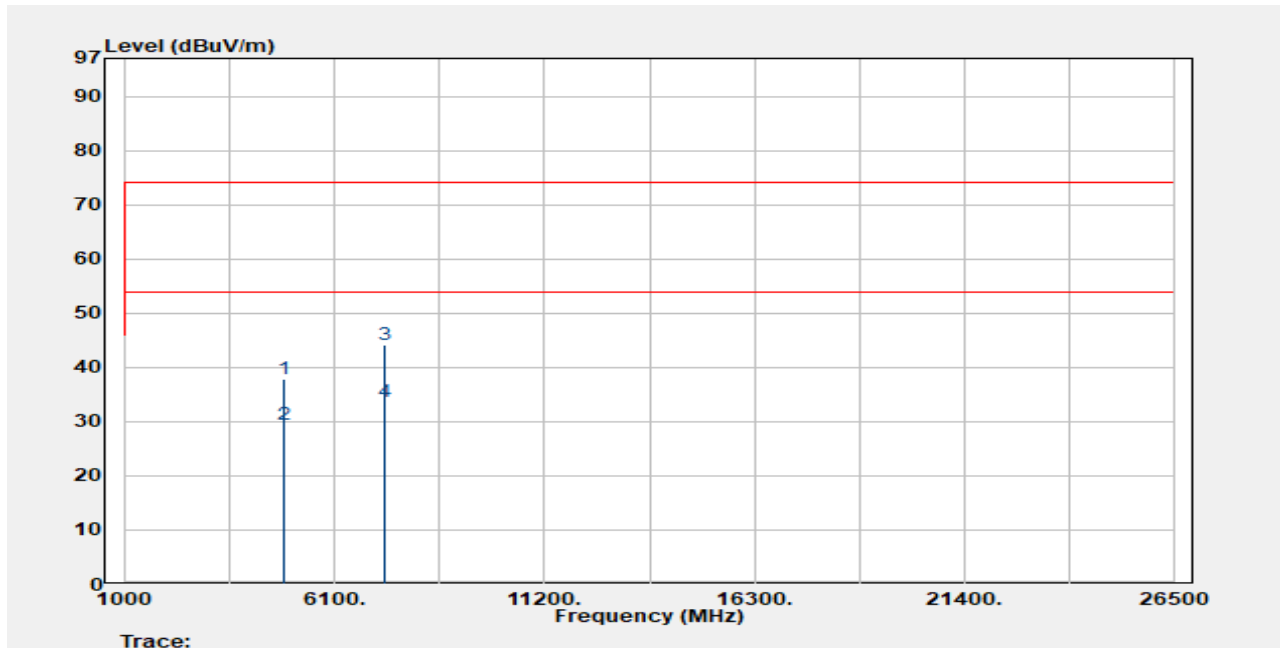
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.23	-0.29	37.94	74.00	-36.06
4874.000	Average	29.68	-0.29	29.39	54.00	-24.61
7311.000	Peak	38.48	5.79	44.27	74.00	-29.73
7311.000	Average	27.89	5.79	33.68	54.00	-20.32

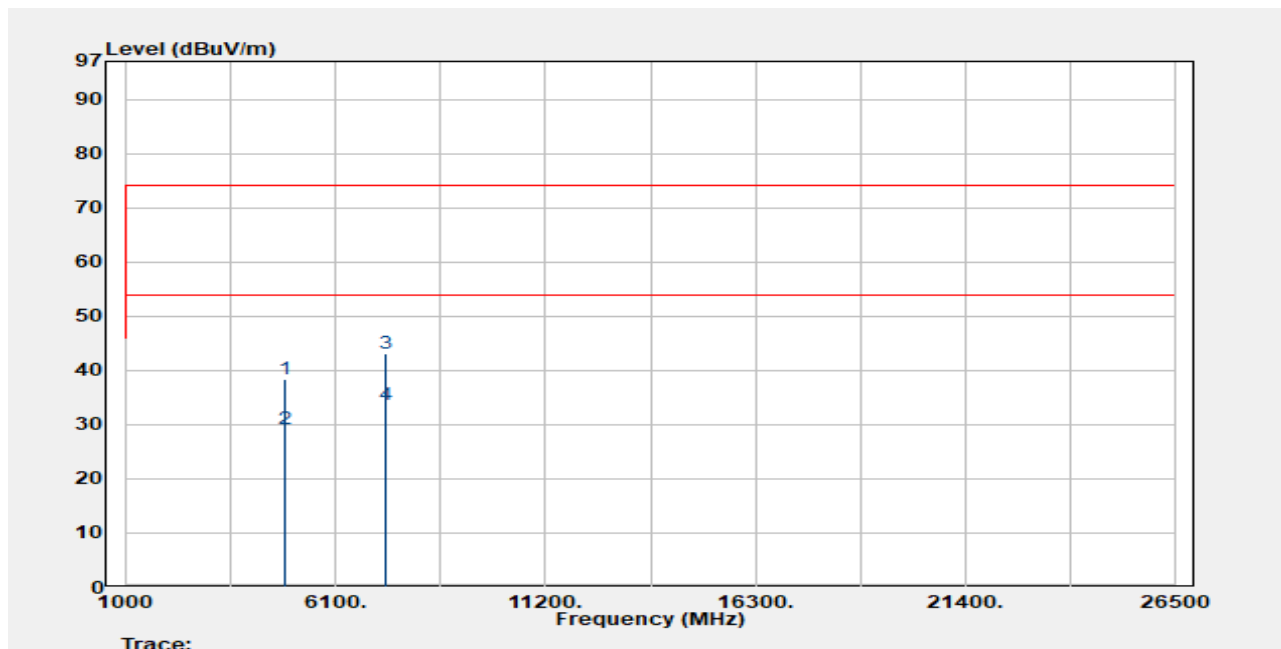
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.57	-0.29	38.28	74.00	-35.72
4874.000	Average	29.44	-0.29	29.15	54.00	-24.85
7311.000	Peak	37.33	5.79	43.12	74.00	-30.88
7311.000	Average	27.92	5.79	33.71	54.00	-20.29

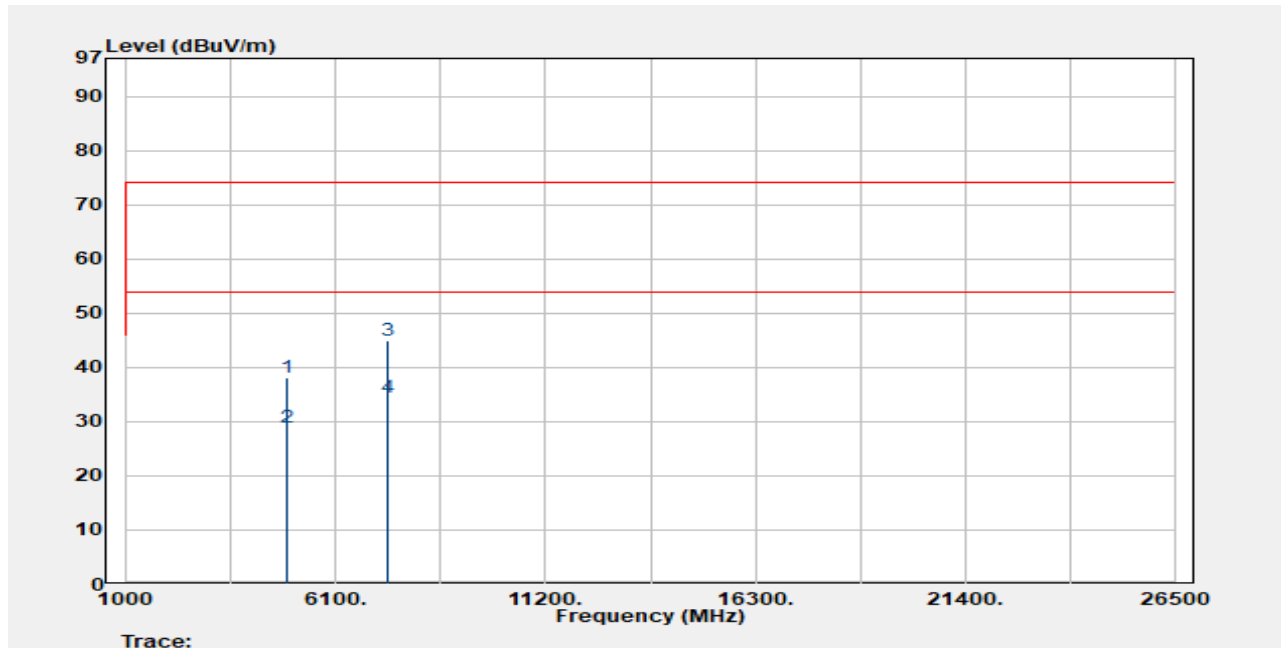
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Peak	38.36	-0.30	38.06	74.00	-35.94
4904.000	Average	29.22	-0.30	28.92	54.00	-25.08
7356.000	Peak	38.96	6.03	44.99	74.00	-29.01
7356.000	Average	28.49	6.03	34.52	54.00	-19.48

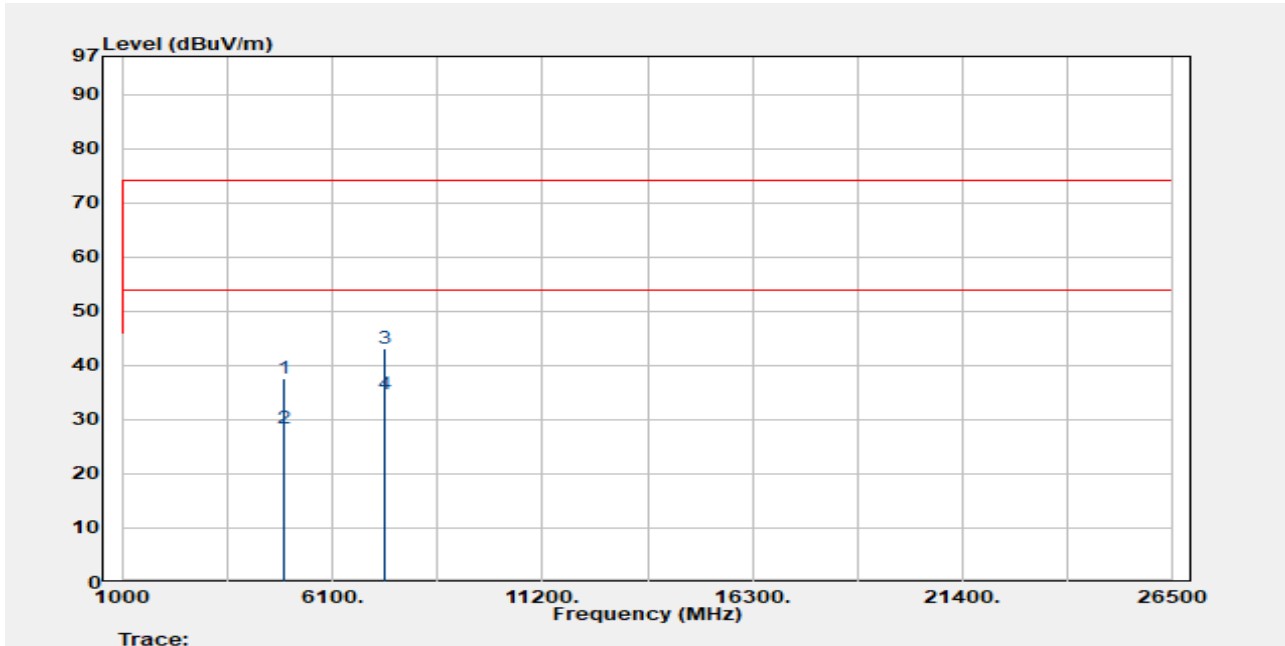
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Peak	37.82	-0.30	37.52	74.00	-36.48
4904.000	Average	28.79	-0.30	28.49	54.00	-25.51
7356.000	Peak	36.97	6.03	43.00	74.00	-31.00
7356.000	Average	28.78	6.03	34.81	54.00	-19.19

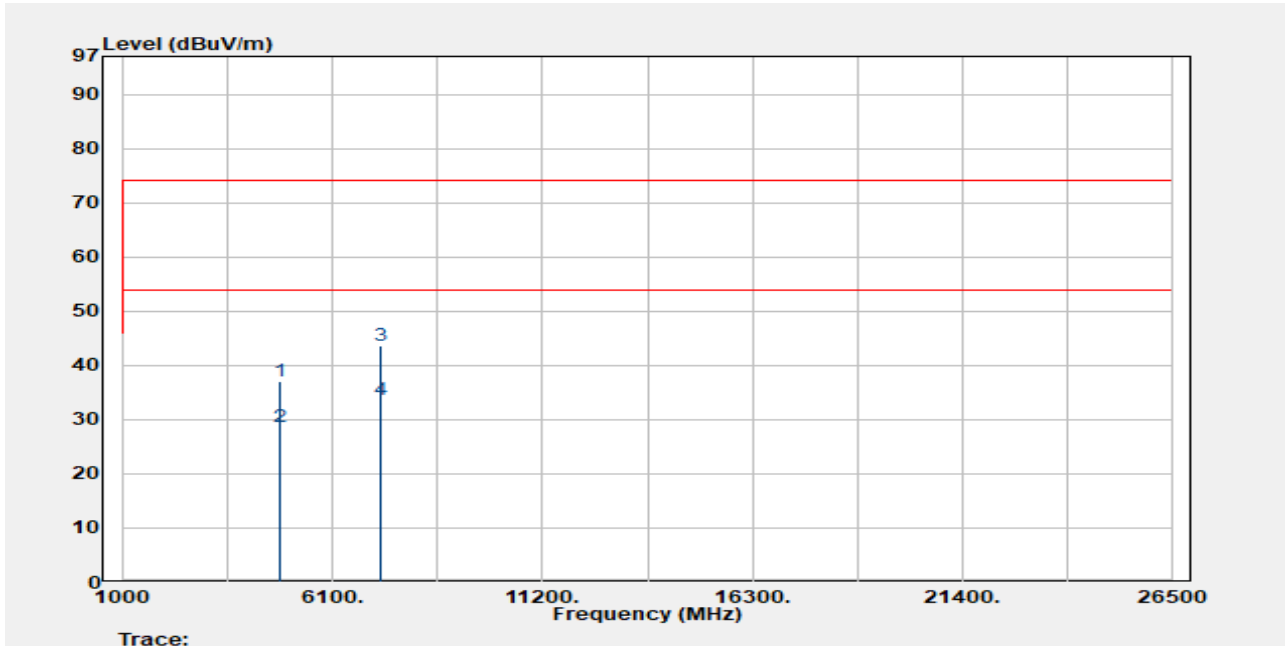
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	37.37	-0.33	37.04	74.00	-36.96
4824.000	Average	28.89	-0.33	28.56	54.00	-25.44
7236.000	Peak	37.47	6.09	43.56	74.00	-30.44
7236.000	Average	27.62	6.09	33.71	54.00	-20.29

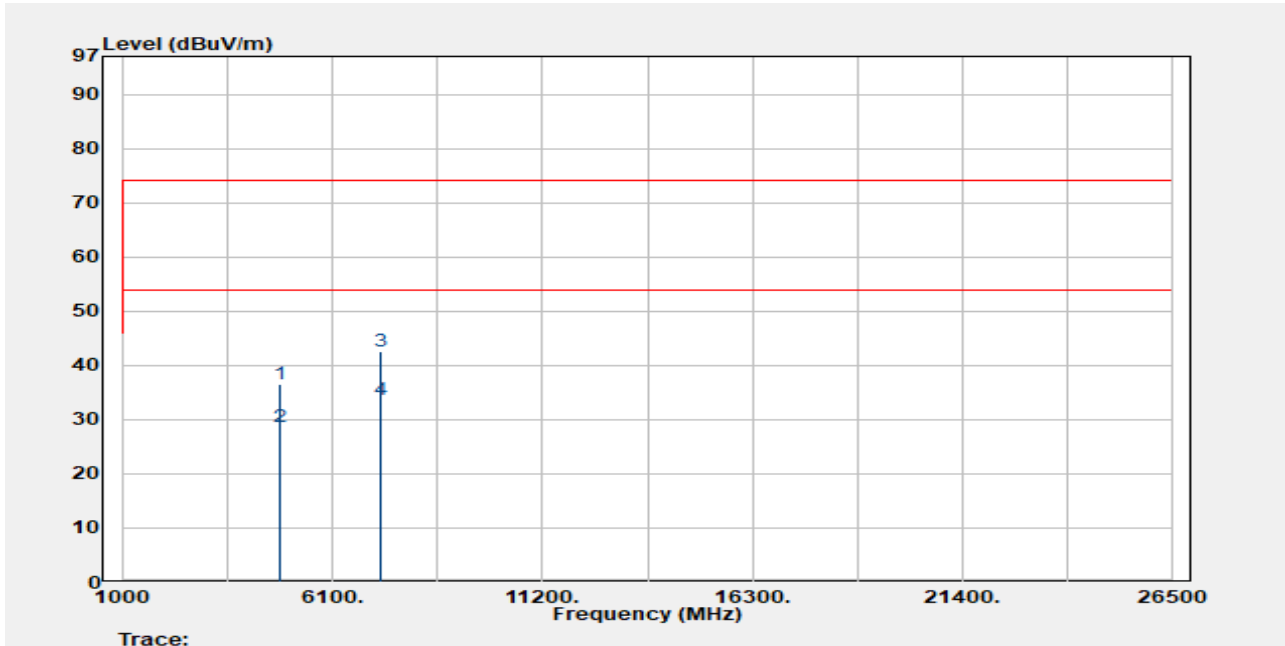
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Peak	36.87	-0.33	36.54	74.00	-37.46
4824.000	Average	28.86	-0.33	28.53	54.00	-25.47
7236.000	Peak	36.47	6.09	42.56	74.00	-31.44
7236.000	Average	27.65	6.09	33.74	54.00	-20.26

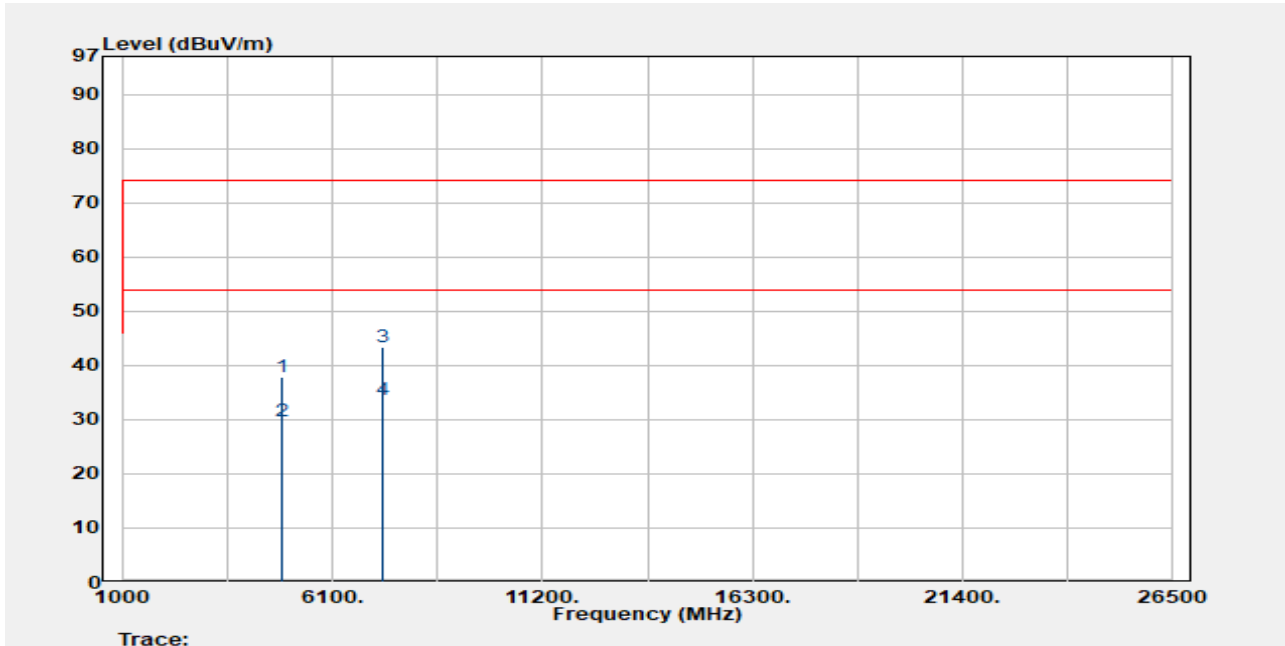
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.11	-0.29	37.82	74.00	-36.18
4874.000	Average	29.89	-0.29	29.60	54.00	-24.40
7311.000	Peak	37.64	5.79	43.43	74.00	-30.57
7311.000	Average	27.92	5.79	33.71	54.00	-20.29

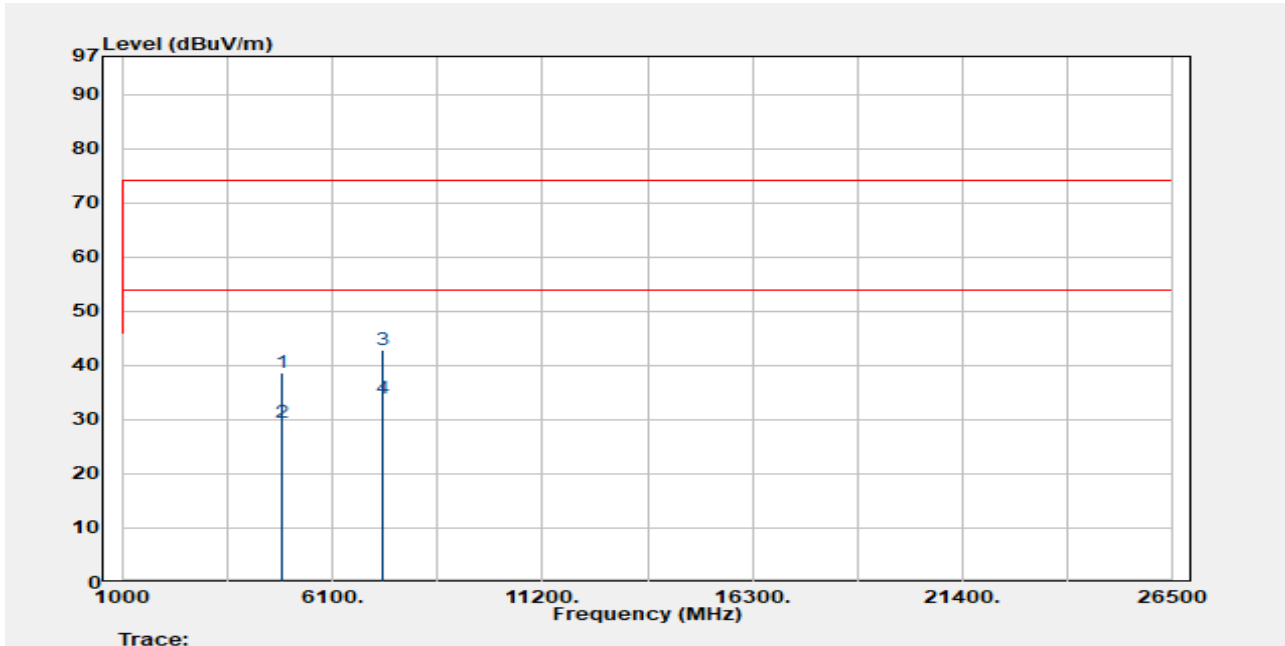
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.97	-0.29	38.68	74.00	-35.32
4874.000	Average	29.65	-0.29	29.36	54.00	-24.64
7311.000	Peak	37.14	5.79	42.93	74.00	-31.07
7311.000	Average	28.06	5.79	33.85	54.00	-20.15

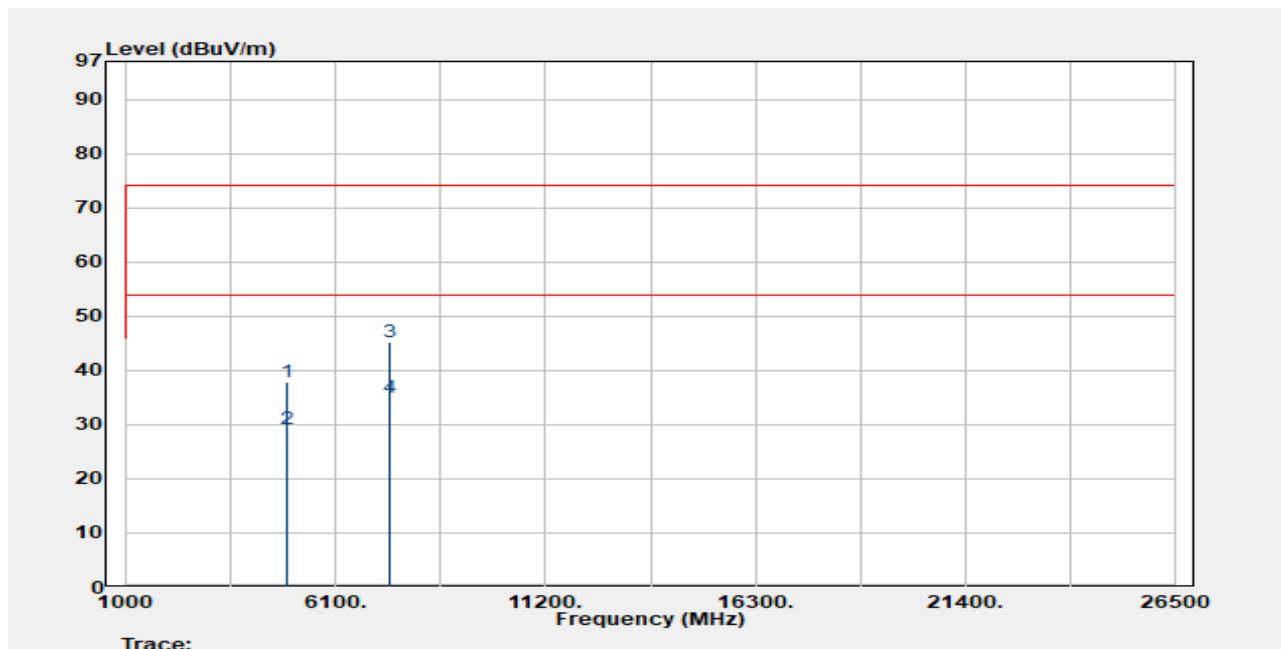
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



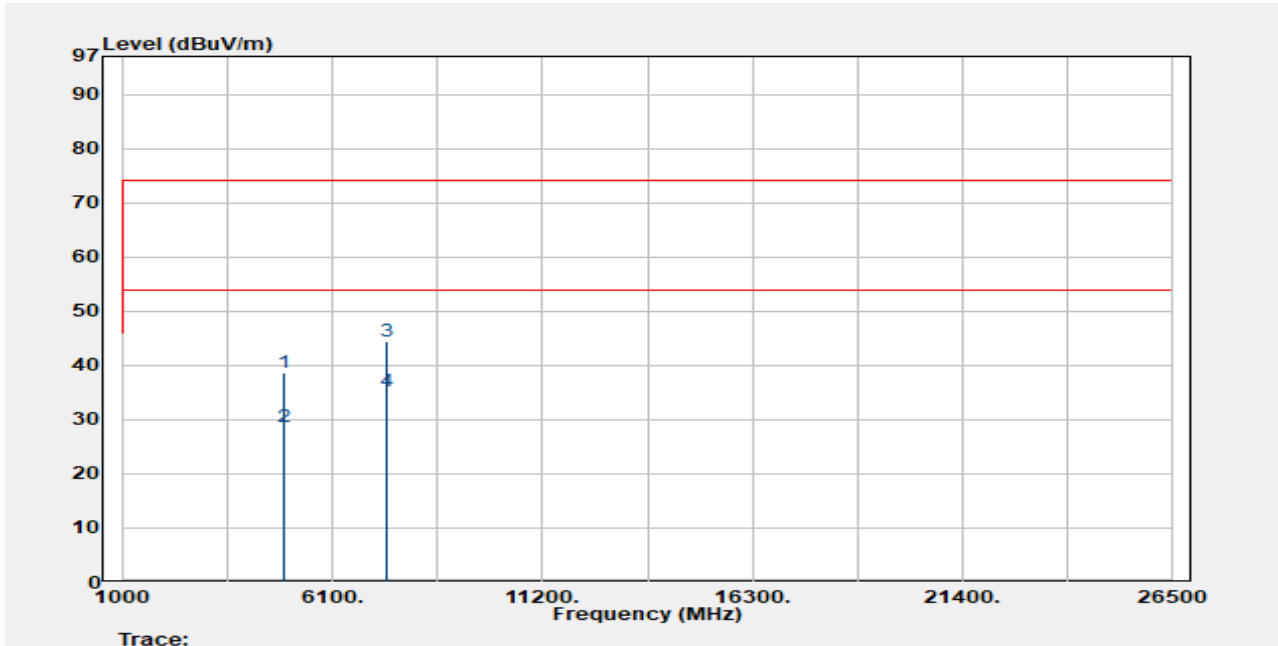
Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	38.16	-0.29	37.87	74.00	-36.13
4924.000	Average	29.36	-0.29	29.07	54.00	-24.93
7386.000	Peak	38.80	6.33	45.13	74.00	-28.87
7386.000	Average	28.66	6.33	34.99	54.00	-19.01

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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax20 RU full  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Peak	38.89	-0.29	38.60	74.00	-35.40
4924.000	Average	28.98	-0.29	28.69	54.00	-25.31
7386.000	Peak	38.06	6.33	44.39	74.00	-29.61
7386.000	Average	28.82	6.33	35.15	54.00	-18.85

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

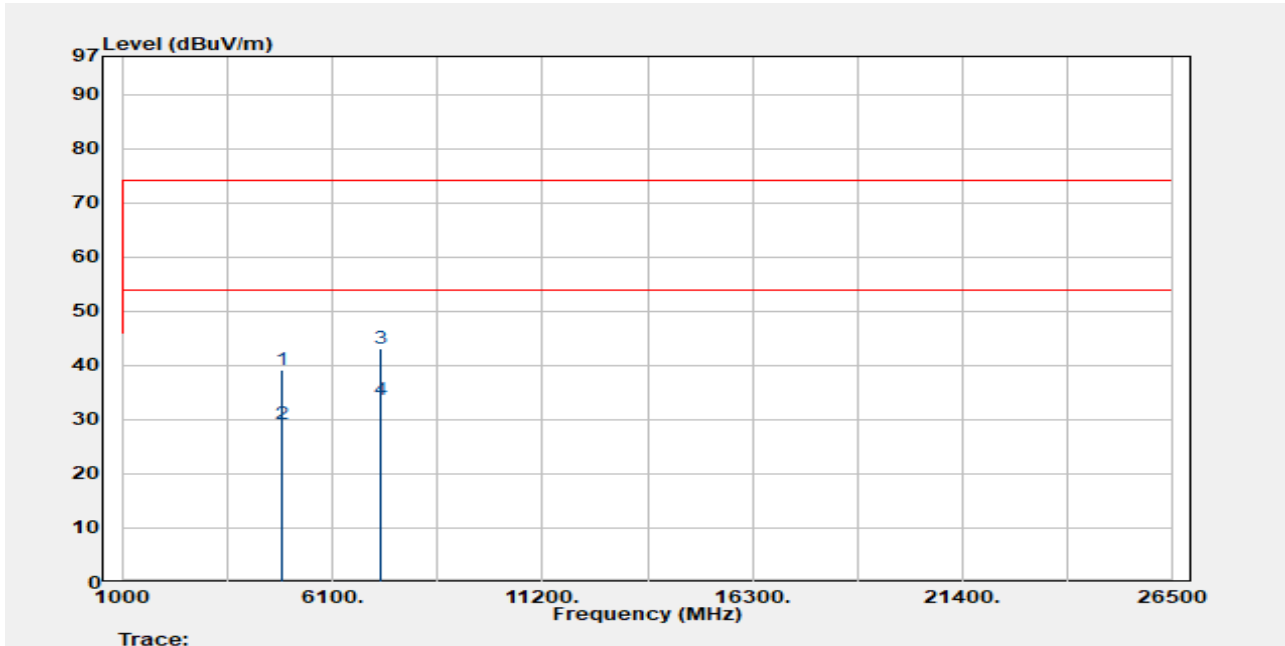
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Peak	39.49	-0.30	39.20	74.00	-34.80
4844.000	Average	29.56	-0.30	29.26	54.00	-24.74
7266.000	Peak	37.09	6.03	43.11	74.00	-30.89
7266.000	Average	27.58	6.03	33.61	54.00	-20.39

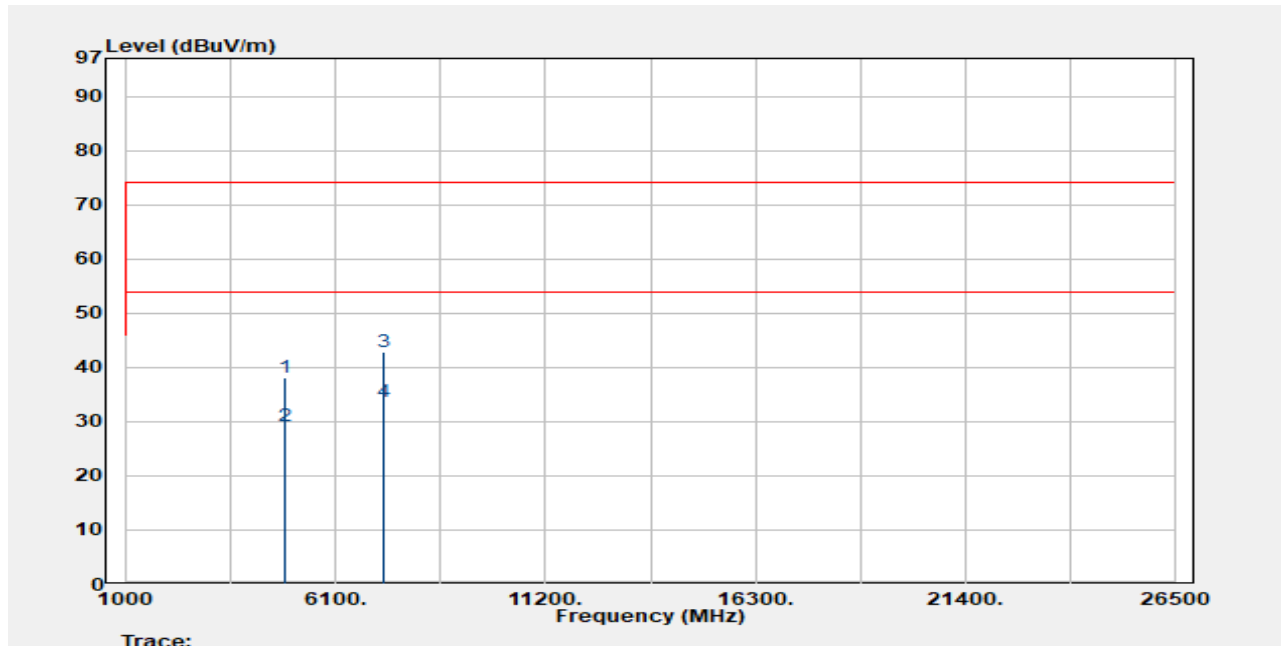
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Peak	38.42	-0.30	38.13	74.00	-35.87
4844.000	Average	29.38	-0.30	29.08	54.00	-24.92
7266.000	Peak	36.93	6.03	42.96	74.00	-31.04
7266.000	Average	27.52	6.03	33.55	54.00	-20.45

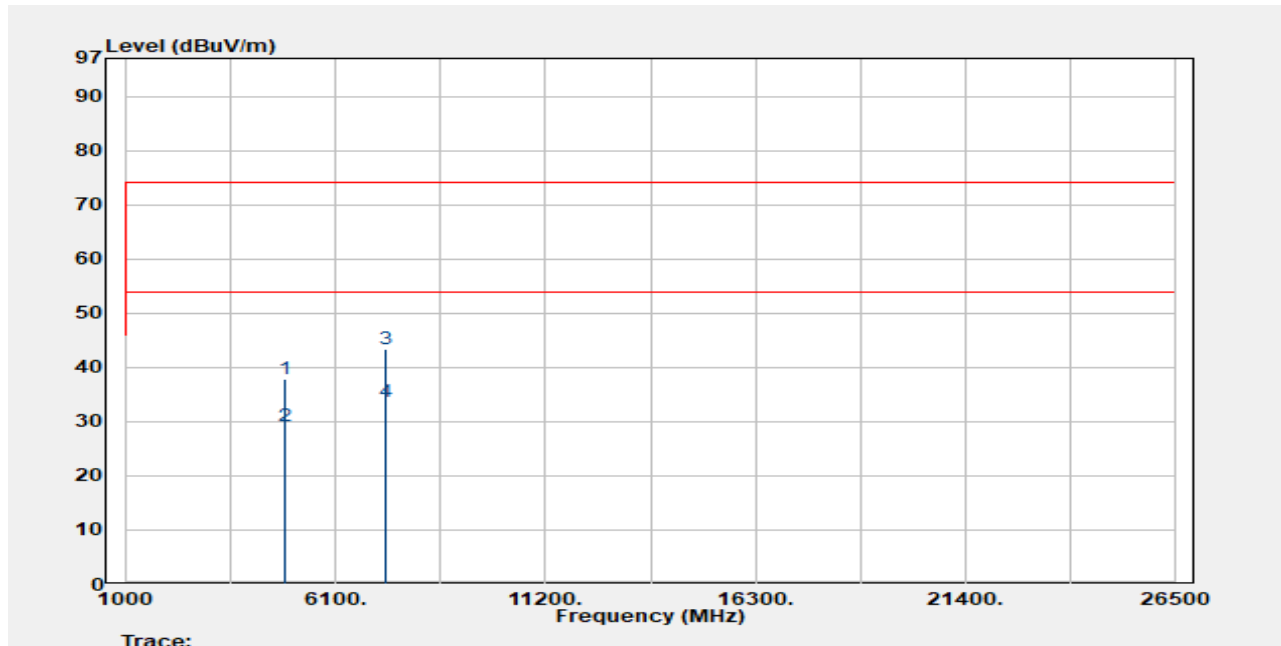
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.10	-0.29	37.81	74.00	-36.19
4874.000	Average	29.46	-0.29	29.17	54.00	-24.83
7311.000	Peak	37.65	5.79	43.44	74.00	-30.56
7311.000	Average	27.85	5.79	33.64	54.00	-20.36

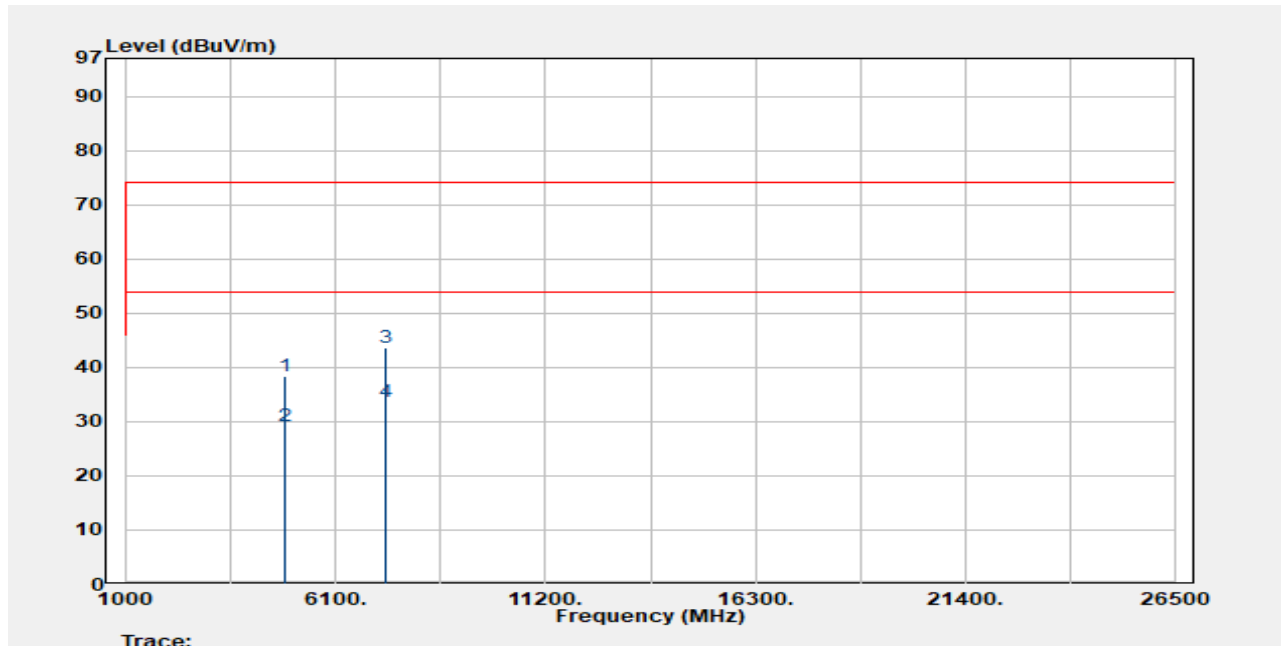
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Peak	38.63	-0.29	38.34	74.00	-35.66
4874.000	Average	29.48	-0.29	29.19	54.00	-24.81
7311.000	Peak	37.72	5.79	43.51	74.00	-30.49
7311.000	Average	27.86	5.79	33.65	54.00	-20.35

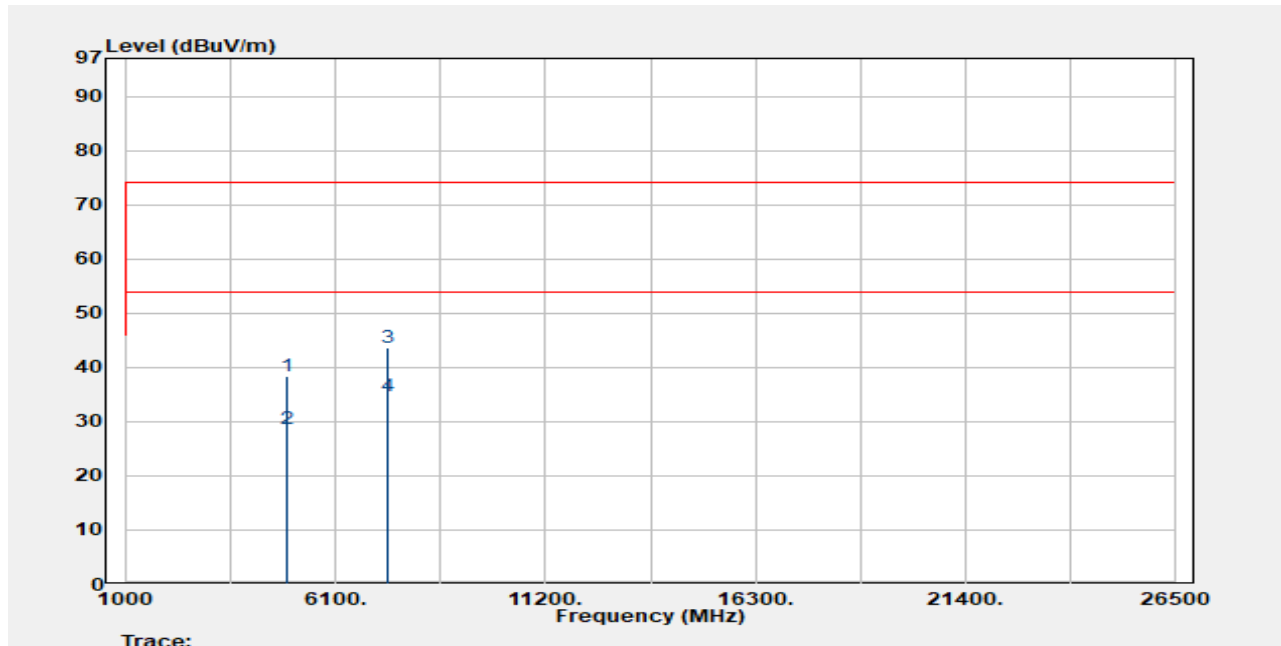
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Peak	38.72	-0.30	38.42	74.00	-35.58
4904.000	Average	29.06	-0.30	28.76	54.00	-25.24
7356.000	Peak	37.50	6.03	43.52	74.00	-30.48
7356.000	Average	28.56	6.03	34.59	54.00	-19.41

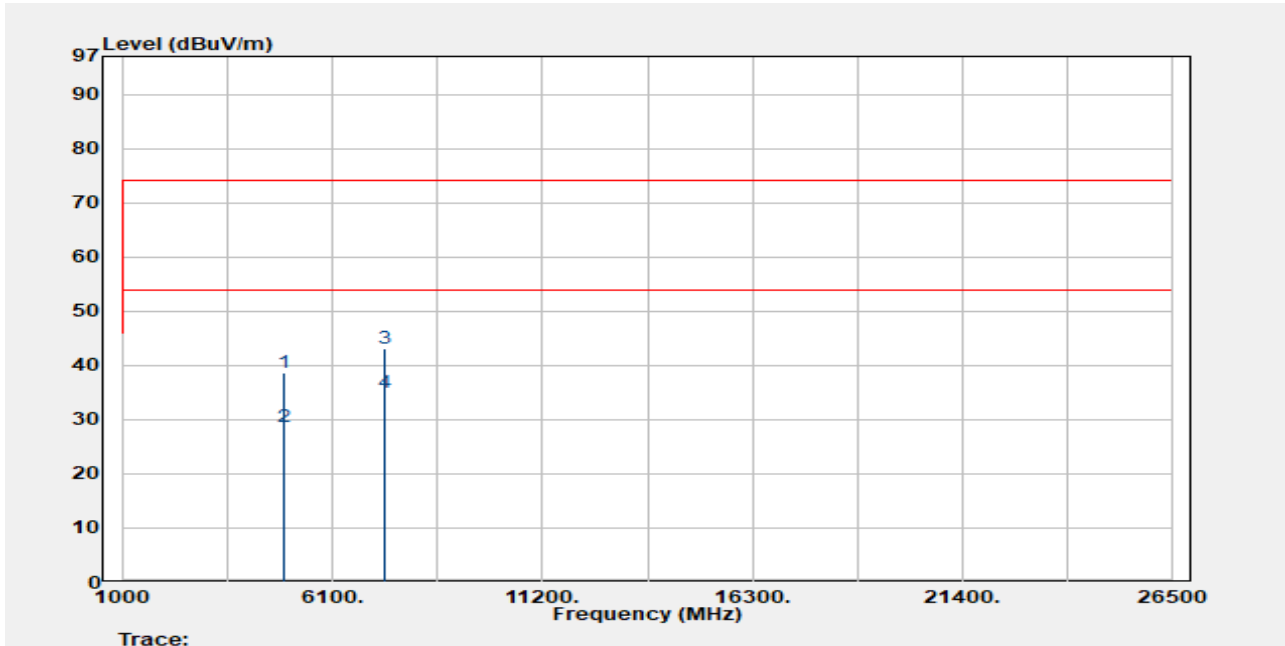
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Report Number :TERF2303000752ER  
 Operation Mode :802.11ax40 RU full  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-11  
 Temp./Humi. :23.4/48  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Peak	38.83	-0.30	38.53	74.00	-35.47
4904.000	Average	28.98	-0.30	28.68	54.00	-25.32
7356.000	Peak	37.14	6.03	43.17	74.00	-30.83
7356.000	Average	28.87	6.03	34.90	54.00	-19.10

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## 12 POWER SPECTRAL DENSITY

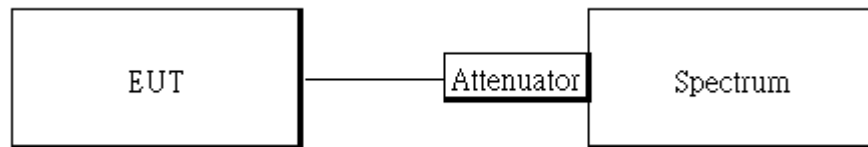
### 12.1 Standard Applicable

Per Part 15.247 (e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

### 12.2 Test Setup



### 12.3 Measurement Procedure

1. Set analyzer center frequency to DTS channel center frequency.
2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance .
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW = 3 kHz & VBW = 10 kHz.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.

#### Note:

*For the test of MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported on this report after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.*

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## 12.4 As per FCC KDB 662911 D01

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad \text{DirectionalGain} = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = / 20 \text{ 10Gk}$  if the kth antenna is being fed by spatial stream j, or zero if it is not;

$G_k$  is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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## 12.5 Power spectral density

POWER DENSITY 802.11b					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-6.19	-6.49	-3.33	8.00	PASS
2437	-4.32	-3.83	-1.06	8.00	PASS
2462	-4.98	-6.23	-2.55	8.00	PASS

POWER DENSITY 802.11g					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-11.73	-11.8	-8.75	8.00	PASS
2437	-6.56	-6.49	-3.51	8.00	PASS
2462	-9.4	-12.82	-7.77	8.00	PASS

POWER DENSITY 802.11n HT20					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-10.28	-10.62	-7.44	8.00	PASS
2437	-5.04	-5.27	-2.14	8.00	PASS
2462	-9.12	-10.69	-6.82	8.00	PASS

POWER DENSITY 802.11n HT40					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	-16.35	-16.43	-13.38	8.00	PASS
2437	-9.83	-10.55	-7.16	8.00	PASS
2452	-15.44	-16.7	-13.01	8.00	PASS

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POWER DENSITY 802.11ax HE20						
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	full	-11.19	-12.19	-8.65	8.00	PASS
2437	full	-5.7	-6.84	-3.22	8.00	PASS
2462	full	-11.7	-11.5	-8.59	8.00	PASS

POWER DENSITY 802.11ax HE40						
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	full	-16.51	-16.58	-13.53	8.00	PASS
2437	full	-9.81	-11.08	-7.39	8.00	PASS
2452	full	-16.38	-17.36	-13.83	8.00	PASS

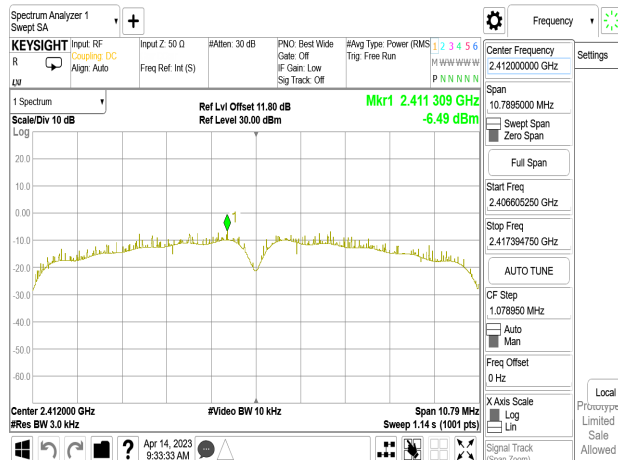
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802.11b\_20MHz\_Chain0\_2412MHz



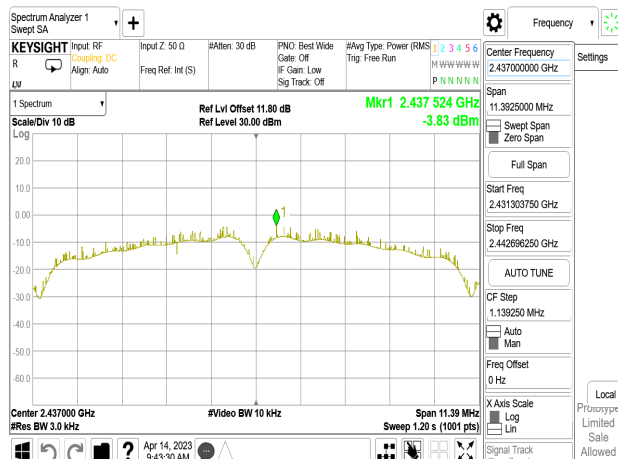
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802.11b\_20MHz\_Chain0\_2437MHz



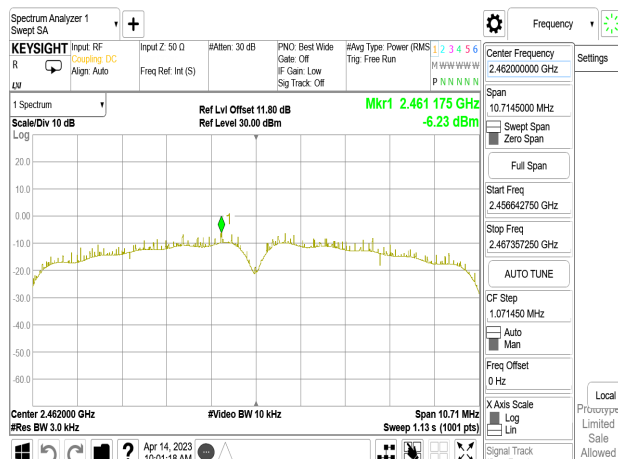
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802.11b\_20MHz\_Chain1\_2462MHz

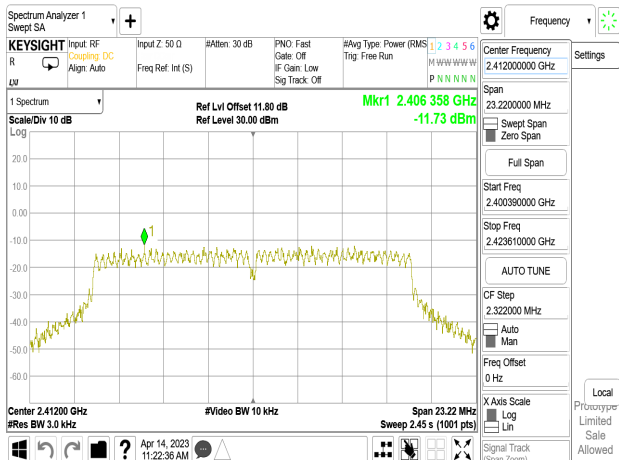


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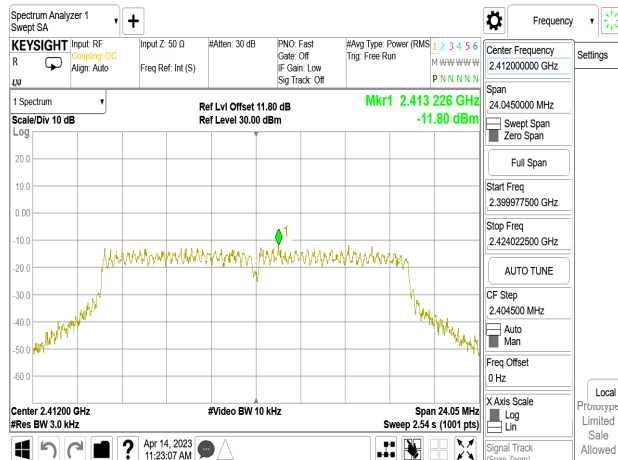
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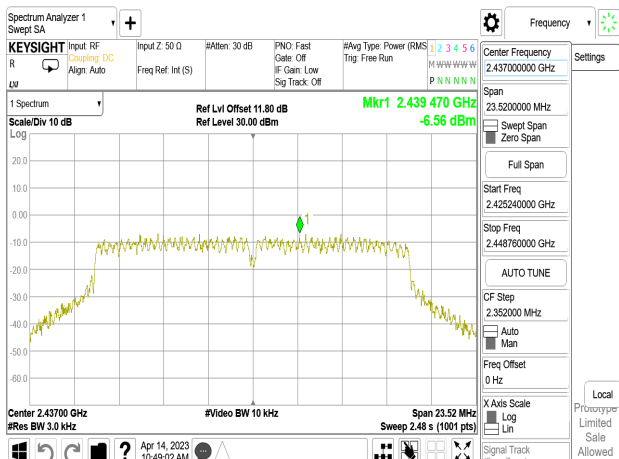
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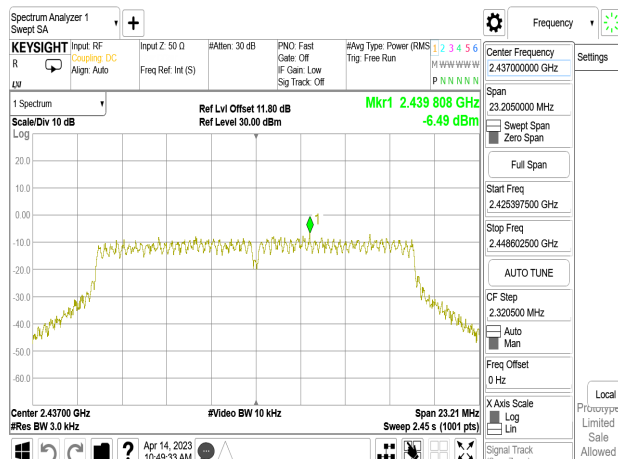
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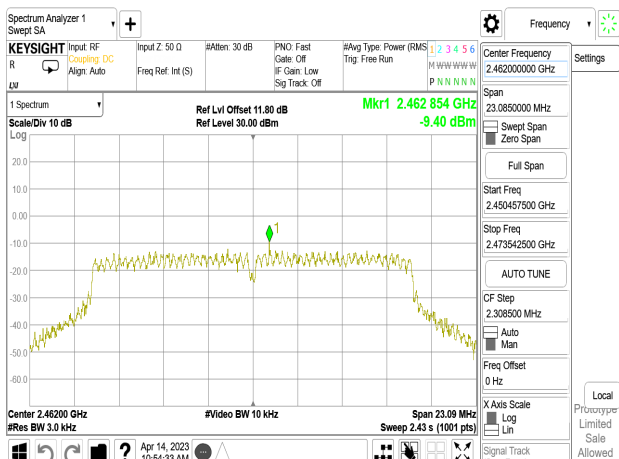
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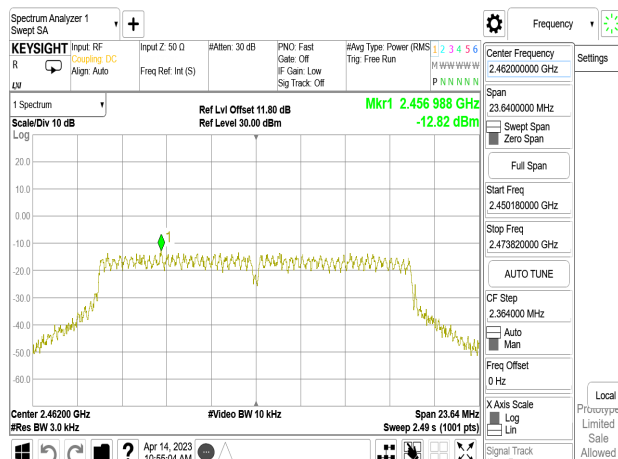
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802.11g\_20MHz\_Chain1\_2462MHz

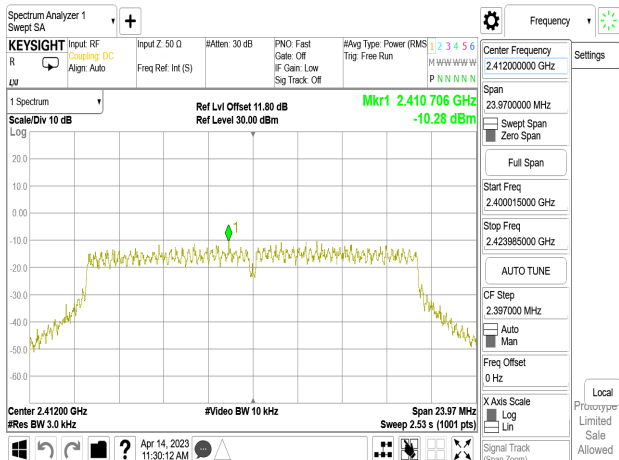


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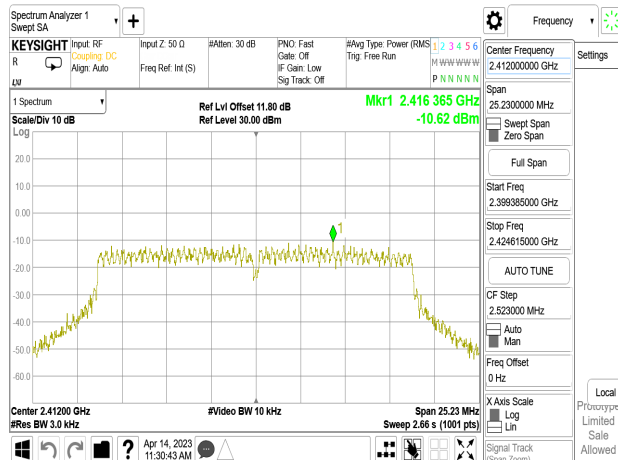
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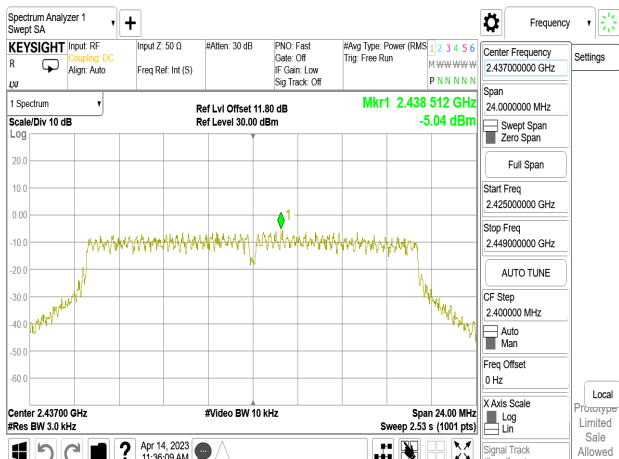
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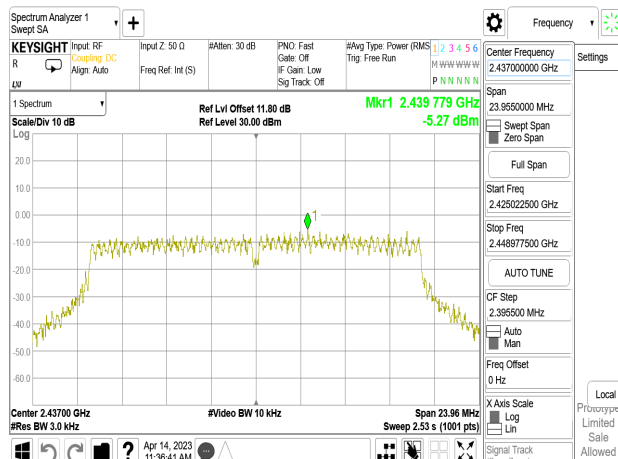
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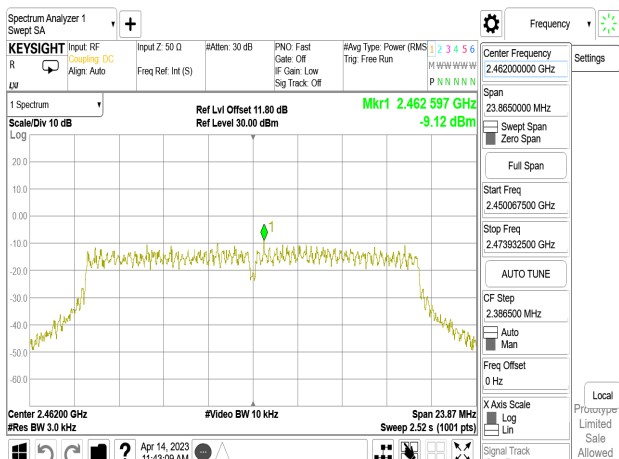
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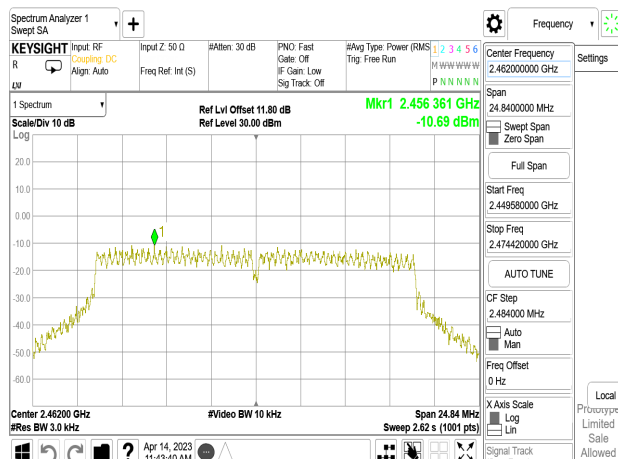
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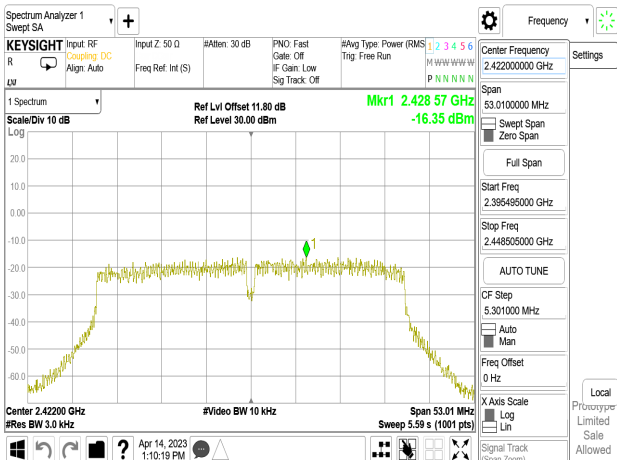


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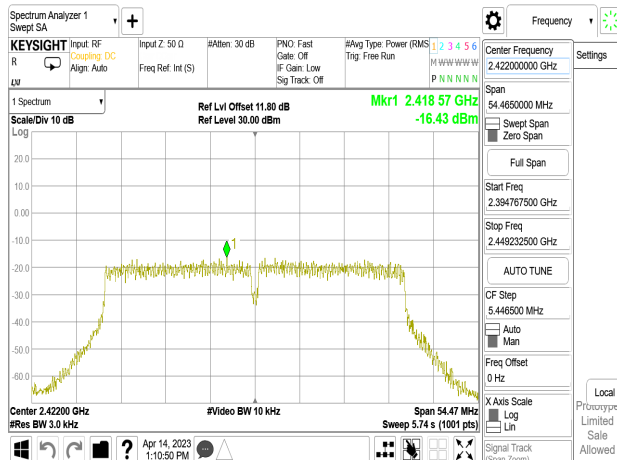
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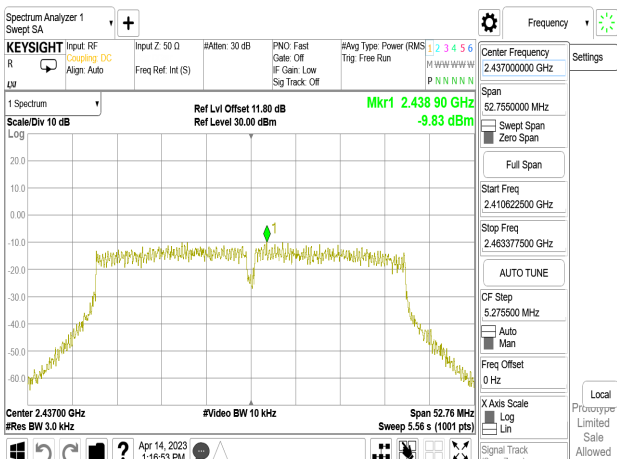
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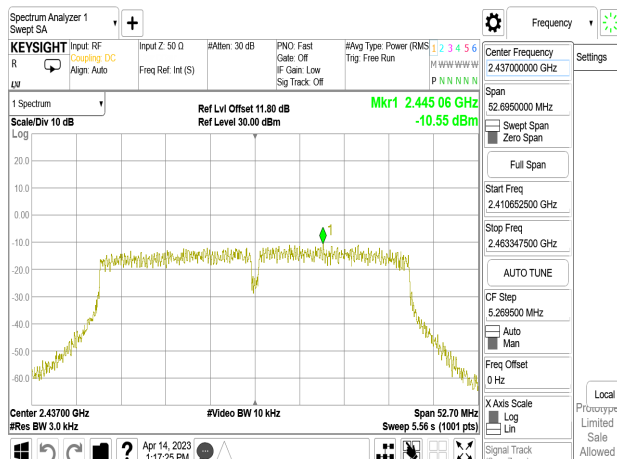
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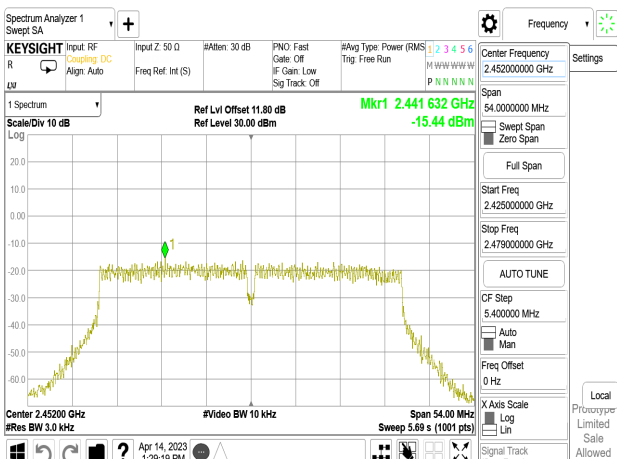
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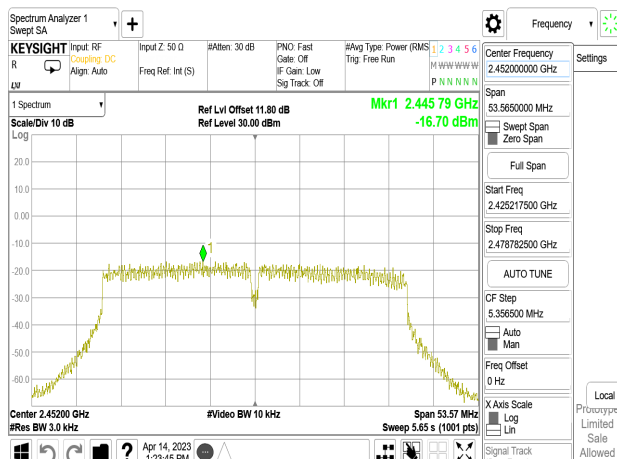
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802.11n\_40MHz\_Chain0\_2452MHz



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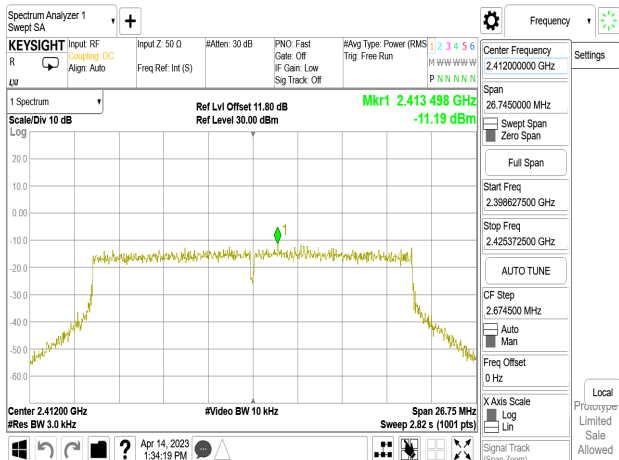


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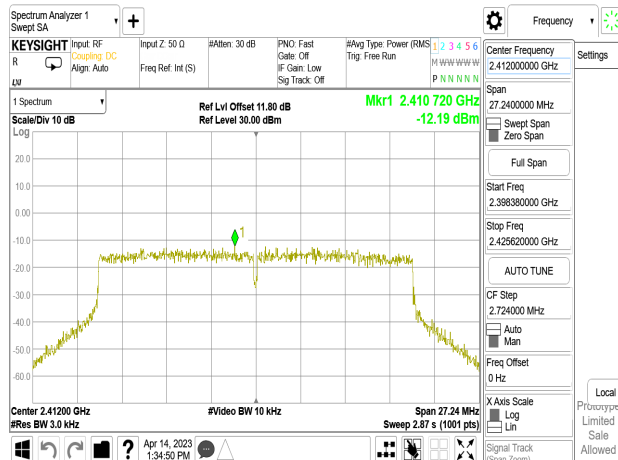
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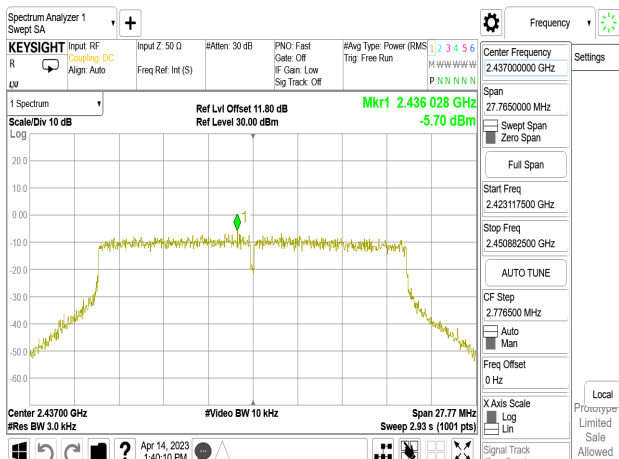
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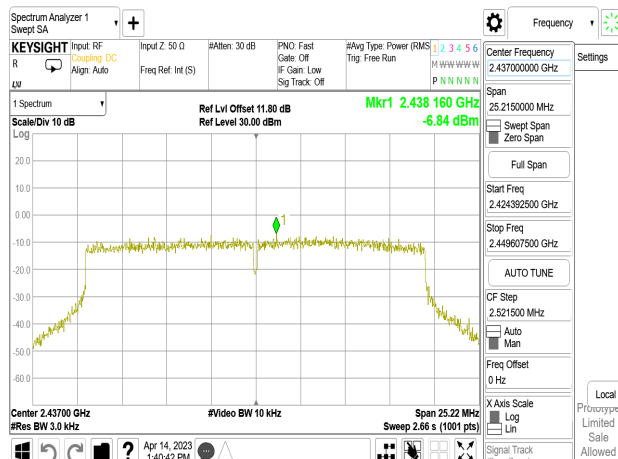
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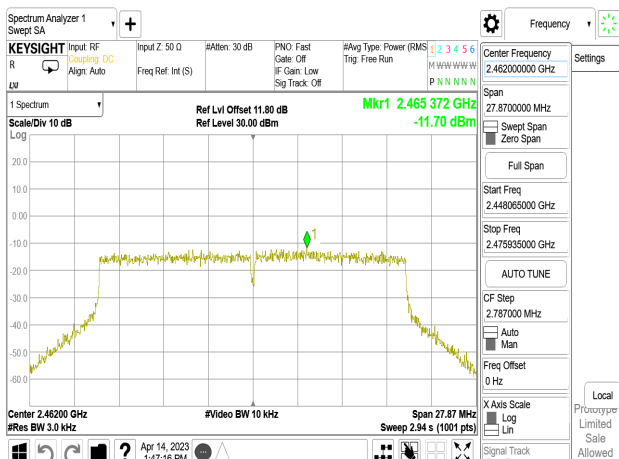
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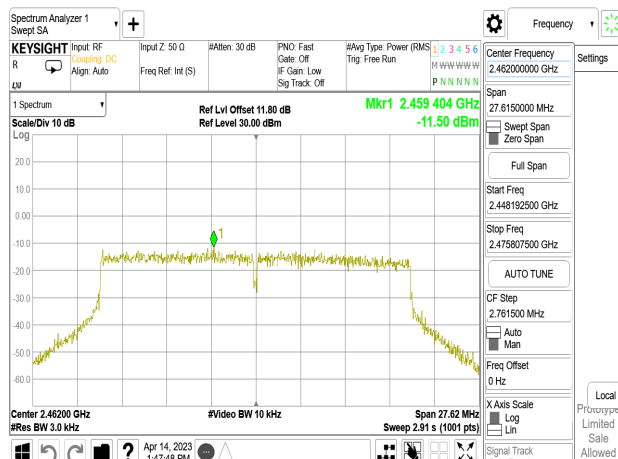
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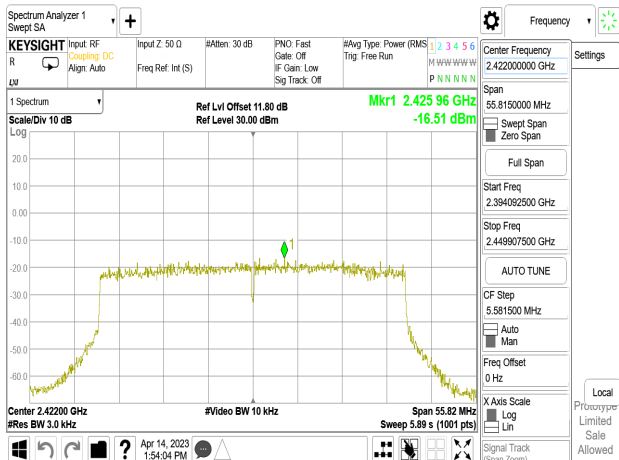


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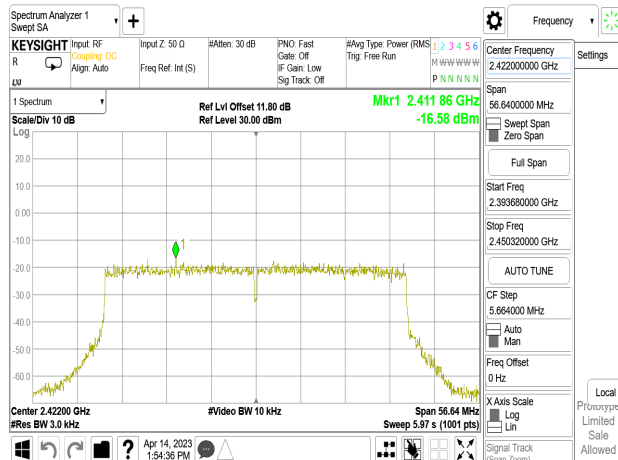
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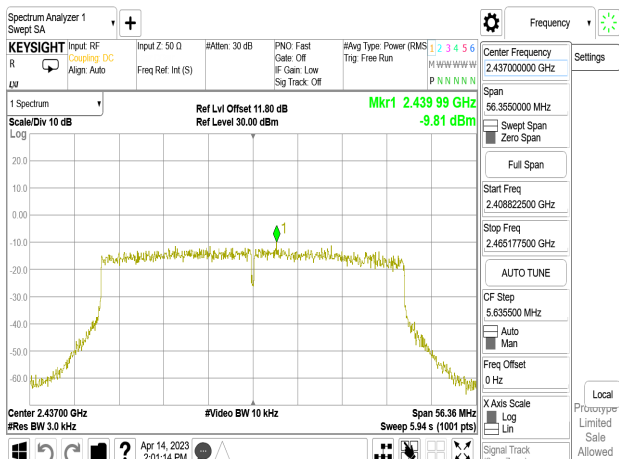
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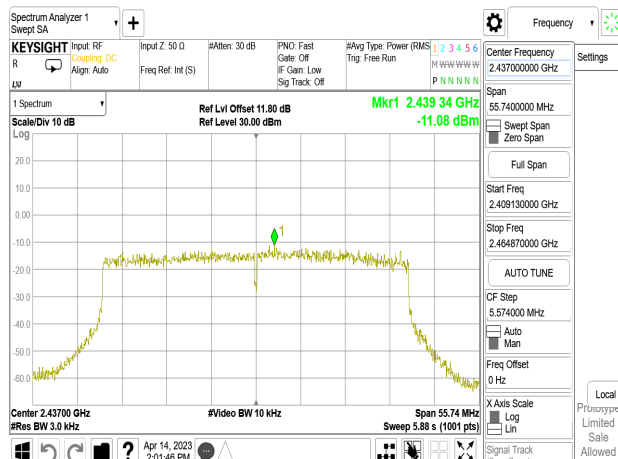
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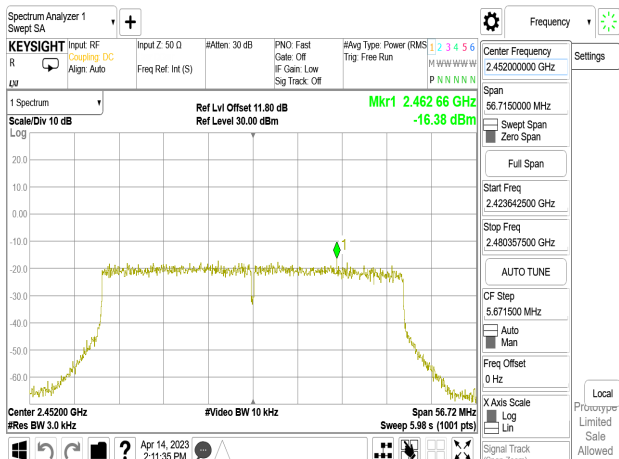
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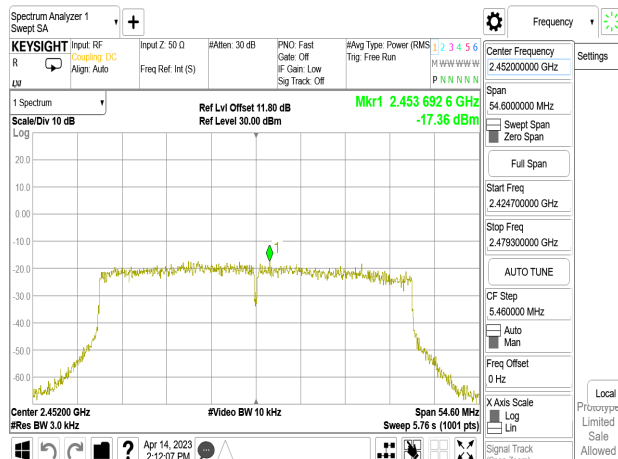
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802.11ax\_40MHz\_Chain0\_2452MHz



802.11ax\_40MHz\_Chain1\_2452MHz



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## 13 ANTENNA REQUIREMENT

### 13.1 Standard Applicable

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

### 13.2 Antenna Connected Construction

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.  
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