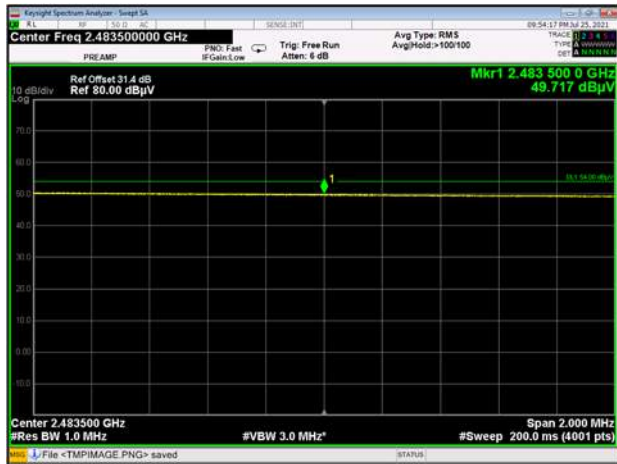
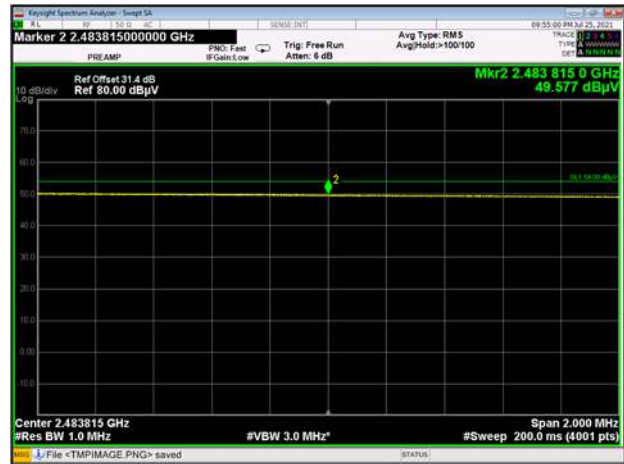


CHANNEL 9, AV



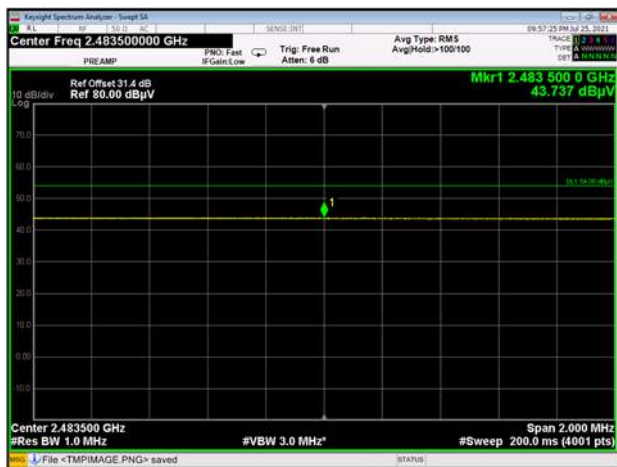
CHANNEL 9, AV



CHANNEL 10, PEAK



CHANNEL 10, AV



CHANNEL 10, AV



CHANNEL 11, PEAK



CHANNEL 11, AV



CHANNEL 11, AV



A.8 Power Spectral Density (PSD)

Test Data

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.17	8
6	-16.50	8
11	-17.01	8
12	-18.72	8
13	-17.86	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.72	8
6	-18.18	8
11	-18.52	8
12	-20.73	8
13	-32.53	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.73	8
6	-18.18	8
11	-18.81	8
12	-21.06	8
13	-32.10	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-24.56	8
4	-22.19	8
6	-21.45	8
7	-21.48	8
8	-22.52	8
9	-23.22	8
10	-31.27	8
11	-37.80	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-17.69	8
6	-17.37	8
11	-17.43	8
12	-17.87	8
13	-18.51	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-18.98	8
6	-19.23	8
11	-19.17	8
12	-22.28	8
13	-33.06	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-19.26	8
6	-19.24	8
11	-19.64	8
12	-22.55	8
13	-33.01	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-24.98	8
4	-23.05	8
6	-22.17	8
7	-22.60	8
8	-23.09	8
9	-23.48	8
10	-31.20	8
11	-38.00	8

Total Power

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-14.41	8
6	-13.90	8
11	-14.20	8
12	-15.26	8
13	-15.16	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-15.84	8
6	-15.66	8
11	-15.82	8
12	-18.43	8
13	-29.78	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
1	-15.98	8
6	-15.67	8
11	-16.19	8
12	-18.73	8
13	-29.52	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
3	-21.76	8
4	-19.59	8
6	-18.79	8
7	-18.99	8
8	-19.78	8
9	-20.33	8
10	-28.23	8
11	-34.89	8

Test plots

Main Antenna

802.11b CHANNEL 1



802.11b CHANNEL 6



802.11b CHANNEL 11



802.11b CHANNEL 12



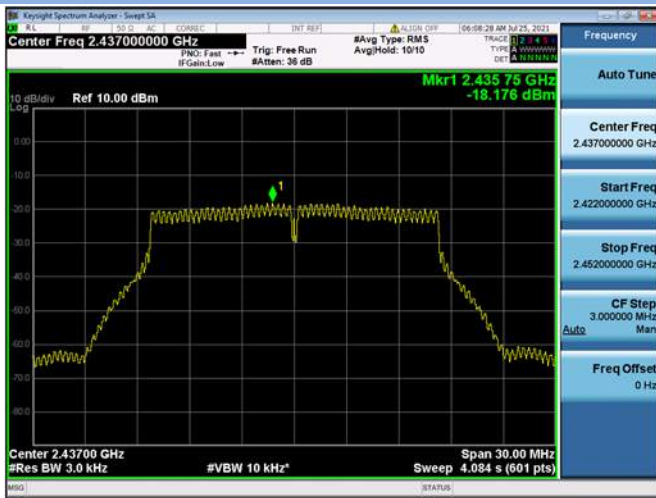
802.11b CHANNEL 13



802.11g CHANNEL 1



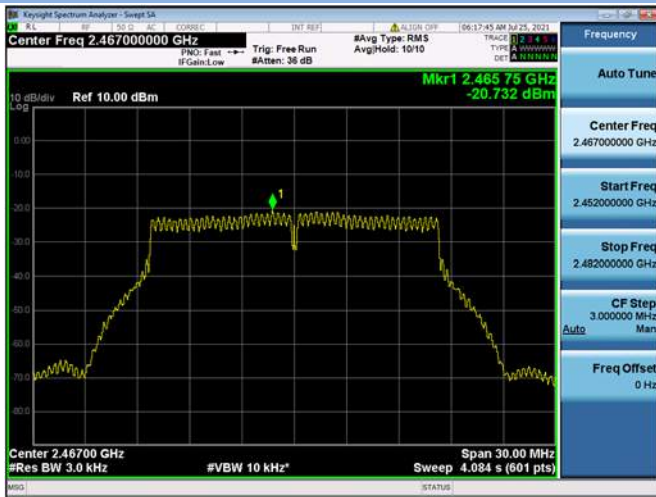
802.11g CHANNEL 6



802.11g CHANNEL 11



802.11g CHANNEL 12



802.11g CHANNEL 13



802.11n-20 MHz CHANNEL 1



802.11 n-20 MHz CHANNEL 6



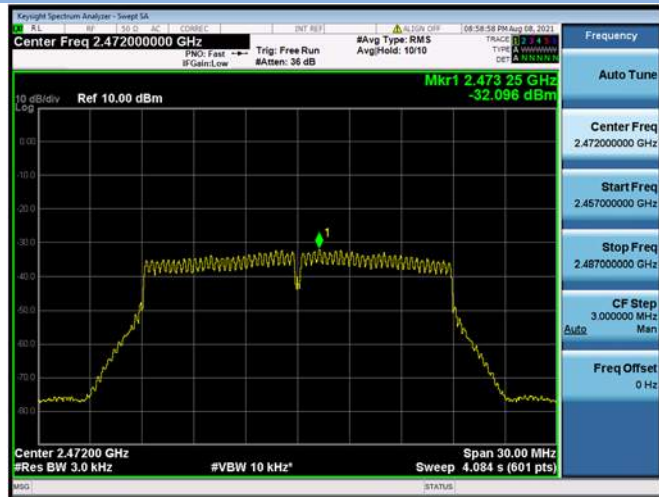
802.11n-20 MHz CHANNEL 11



802.11 n-20 MHz CHANNEL 12



802.11n-20 MHz CHANNEL 13



802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 4



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 7



802.11n-40 MHz CHANNEL 8



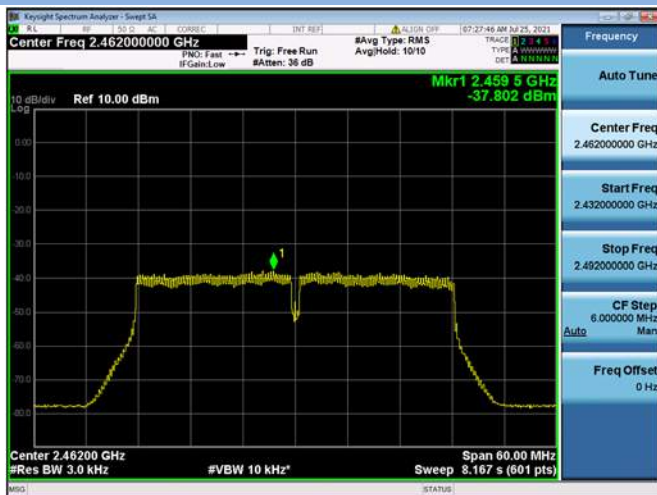
802.11n-40 MHz CHANNEL 9



802.11n-40 MHz CHANNEL 10



802.11n-40 MHz CHANNEL 11



Aux. Antenna

802.11b CHANNEL 1



802.11b CHANNEL 6



802.11b CHANNEL 11



802.11b CHANNEL 12



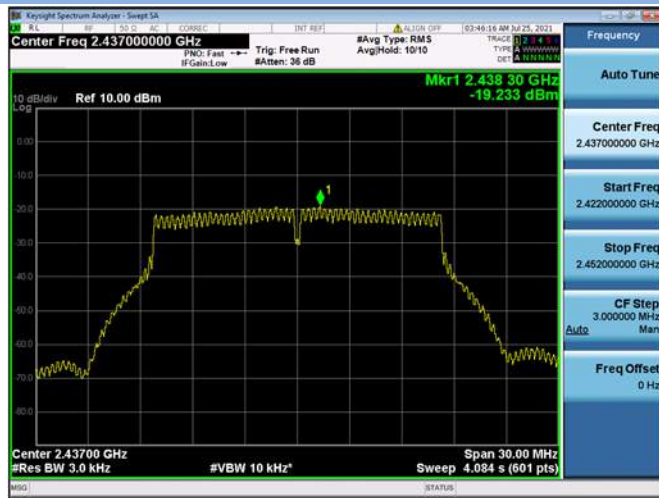
802.11b CHANNEL 13



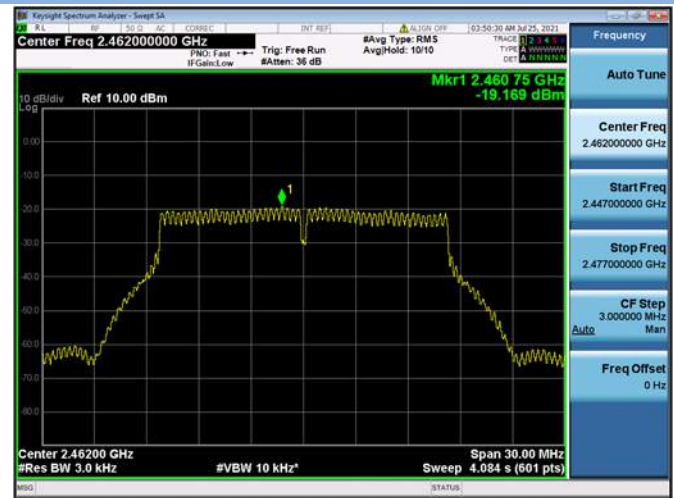
802.11g CHANNEL 1



802.11g CHANNEL 6



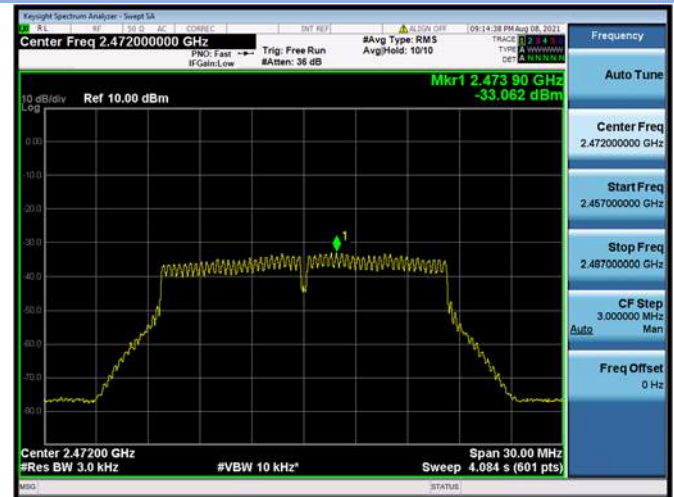
802.11g CHANNEL 11



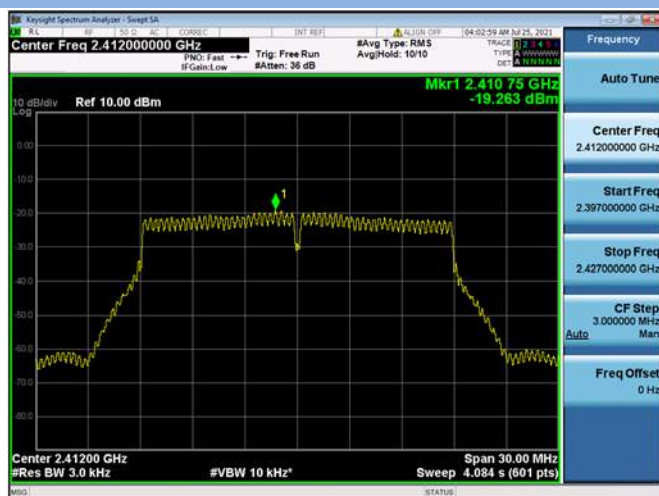
802.11g CHANNEL 12



802.11g CHANNEL 13



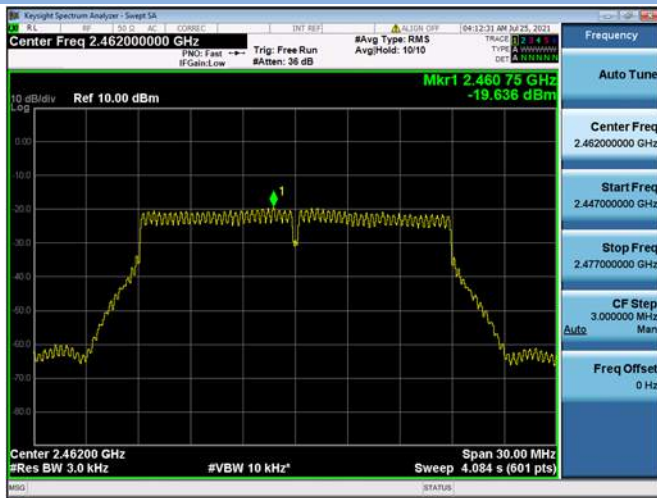
802.11n-20 MHz CHANNEL 1



802.11 n-20 MHz CHANNEL 6



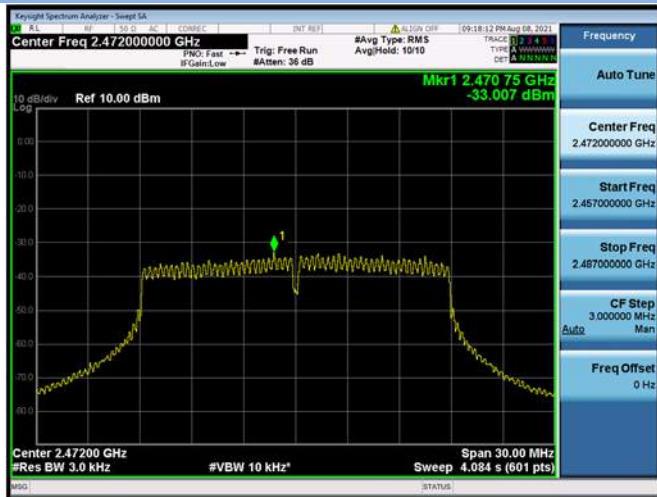
802.11n-20 MHz CHANNEL 11



802.11 n-20 MHz CHANNEL 12



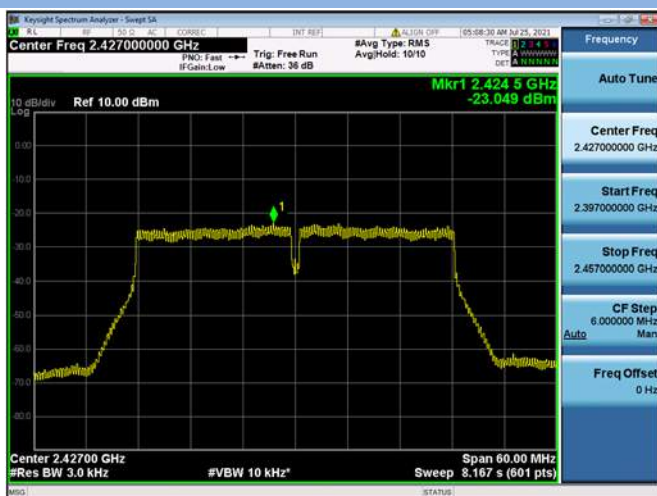
802.11n-20 MHz CHANNEL 13



802.11n-40 MHz CHANNEL 3



802.11n-40 MHz CHANNEL 4



802.11n-40 MHz CHANNEL 6



802.11n-40 MHz CHANNEL 7



802.11n-40 MHz CHANNEL 8



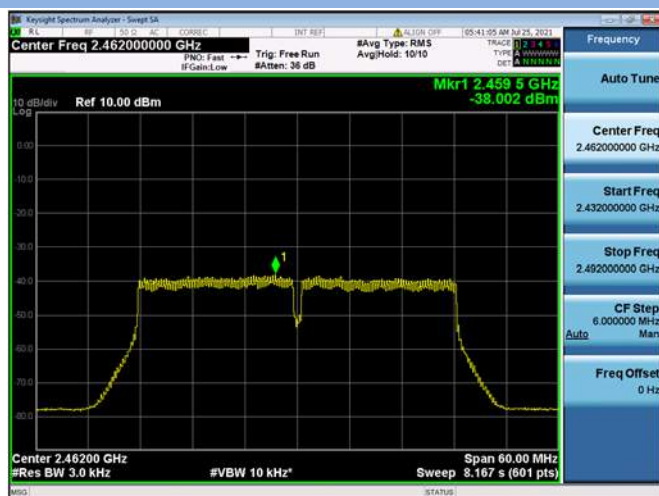
802.11n-40 MHz CHANNEL 9



802.11n-40 MHz CHANNEL 10



802.11n-40 MHz CHANNEL 11



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2170450-AR.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2170450-AW.pdf”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2170450-AI.pdf”.

--END OF REPORT--